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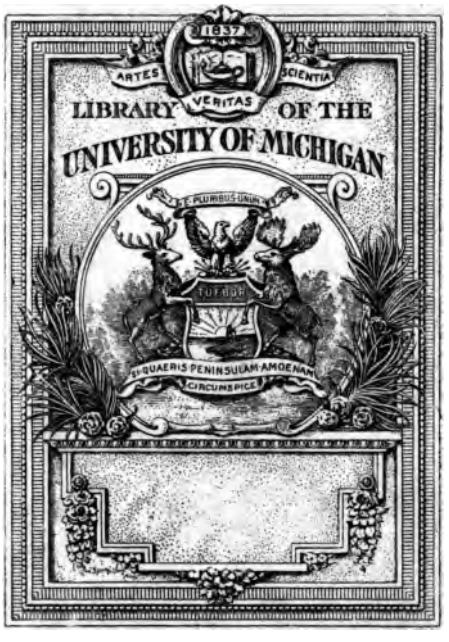


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PATTERSON'S

# NUMBERED CHECK-LIST

—OF—

# NORTH AMERICAN PLANTS

NORTH OF MEXICO.

STYLE A. - PRICE $1.50.

OQUAWKA, ILL.
H. N. PATTERSON, PUBLISHER.
JANUARY, 1892.

# PREFACE.

The first edition of the Check-list of North American Plants, published in 1887, was soon exhausted. A steady demand for the list has encouraged the publisher to issue another, retaining the large type and the alphabetical arrangement of genera, species and varieties, and numbering the species and varieties.

For the benefit of those who arrange their herbariums according to Durand's *Index Generum Phanerogamorum*, the numbers of that work are given with the generic names, both in the body of the list and index.

I am indebted to the following specialists for lists of the species in the genera and orders named:

*Epilobium*, Prof. WILLIAM TRELEASE. (*E. Oreganum* and *E. exaltatum* should have been omitted by the printer or marked as probable hybrids.

*Euphorbia*. Dr. C. F. MILLSPAUGH.

*Salix*, M. S. BEBB.

*Carex*, Prof. L. H. BAILEY.

*Gramineæ*, Dr. GEORGE VASEY.

*Filices* and *Ophioglossaceæ*, GEORGE E. DAVENPORT.

In the remainder of the list the publisher has had the kind assistance and advice of Dr. SERENO WATSON, and the nomenclature of the revised edition of Gray's Manual has been followed.

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# LIST OF NORTH AMERICAN PLANTS.

## RANUNCULACEÆ.

**ACONITUM** [26]

1 Columbianum, Nutt.
2 delphinifolium, DC.
3 Noveboracense, Gray.
4 reclinatum, Gray.
5 uncinatum, L.

**ACTÆA** [27]

6 alba, Bigel.
7 spicata, L., var. arguta, Torr.
8 var. rubra, Ait.
9 viridiflora, Greene.

**ADONIS** [6]

10 *autumnalis*, *L.*

**ANEMOME** [4]

11 Caroliniana, Walt.
12 cylindrica, Gray.
13 decapetala, L.
14 deltoidea, Hook.
15 Drummondii, Watson.
16 multifida, Poir.
17 narcissiflora, L.
18 nemorosa, L.
19 nudicaulis, Gray.
20 occidentalis, Watson.
21 Oregana, Gray.
22 parviflora, Michx.
23 patens, L., v. Nuttalliana, Gr.
24 Pennsylvanica, L.
25 Richardsoni, Hook.
26 Virginiana, L.

**ANEMONELLA** [4]

27 thalictroides, Spach.

**AQUILEGIA** [23]

28 brevistyla, Hook.
29 cærulea, James.
30 var. albiflora, Gray.
31 Canadensis, L.
32 var. flaviflora, Britton.
33 chrysantha, Gray.
34 flavescens, Watson.
35 formosa, Fisch.
36 Jonesii, Parry.
37 longissima, Gray.
38 truncata, Fisch. & Mey.
39 *vulgaris*, *L.*

**CALTHA** [13]

40 biflora, DC.
41 leptosepala, DC.
42 natans, Pall.
43 palustris, L.
44 var. flabellifolia, Watson.
45 var. radicans, Gray.

**CIMICIFUGA** [28]

46 Americana, Michx.
47 Arizonica, Watson.
48 elata, Nutt.
49 laciniata, Watson.
50 racemosa, Nutt.
51 var. cordifolia, Gray.
52 var. dissecta, Gray.

**CLEMATIS** [1]

53 alpina, Mill., var. occidentalis, Gray.
54 var. tenuiloba, Gray.
55 Baldwinii, T. & G.
56 Catesbyana, Pursh.
57 coccinea, Engelm.
58 crispa, L.
59 var. Walteri, Gray.
60 Douglasii, Hook.
61 var. Scottii, Coulter.
62 Drummondii, T. & G.
63 Fremonti, Watson.
64 holosericea, Pursh.
65 lasiantha, Nutt.
66 ligusticifolia, Nutt.
67 var. bracteata, Torr.
68 var. brevifolia, Nutt.
69 var. Californica, Watson.
70 ochroleuca, Ait.
71 pauciflora, Nutt.

72 Pitcheri, T. & G.
73 var. lasiostylis, Gray.
74 var. leiostylis, Gray.
75 reticulata, Walt.
76 verticillaris, DC.
77 var. Columbiana, Gray.
78 Viorna, L.
79 Virginiana, L.

**COPTIS** [20]
80 asplenifolia, Salisb.
81 laciniata, Gray.
82 occidentalis, T. & G.
83 trifolia, Salisb.

**CROSSOSOMA** [48]
84 Bigelovii, Watson.
85 Californicum, Nutt.

**DELPHINIUM** [25]
86 *Ajacis*, *L.*
87 Andersoni, Gray.
88 apiculatum, Greene.
89 azureum, Michx.
90 var. vimineum, Gray.
91 bicolor, Nutt.
92 Californicum, T. & G.
93 cardinale, Hook.
94 *Consolida*, *L.*
95 decorum, Fisch. & Mey.
96 var. patens, Gray.
97 distichum, Geyer.
98 exaltatum, Ait.
99 hesperium, Gray.
100 Menziesii, DC.
101 nudicaule, T. & G.
102 Nuttallii, Gray.
103 Parishii, Gray.
104 Parryi, Gray.
105 pauciflorum, Nutt.
106 var. depauperatum, Gray.
107 var. Nevadense, Gray.
108 pauperculum, Greene.
109 recurvatum, Greene.
110 scaposum, Greene.
111 scopulorum, Gray.
112 var. glaucum, Gray.
113 var. stachydeum, Gray.
114 var. subalpinum, Gray.
115 simplex, Dougl.
116 tricorne, Michx.
117 trolliifolium, Gray.
118 uliginosum, Curran.
119 variegatum, T. & G.

**ERANTHIS** [19]
120 *hyemalis*, *Salisb.*

**HELLEBORUS** [18]
121 *viridis*, *L.*

**HEPATICA** [(4)]
122 acutiloba, DC.
123 triloba, Chaix.

**HYDRASTIS** [16]
124 Canadensis, L.

**ISOPYRUM** [21]
125 biternatum, T. & G.
126 Hallii, Gray.
127 occidentale, Hook. & Arn.
128 stipitatum, Gray.

**MYOSURUS** [8]
129 alopecuroides, Greene.
130 apetalus, Gay.
131 var. lepturus, Gray.
132 cupulatus, Watson.
133 minimus, L.
134 sessilis, Watson.

**PÆONIA** [30]
135 Brownii, Dougl.

**RANUNCULUS** [10]
136 abortivus, L.
137 var. Harveyi, Gray.
138 var. micranthus, Gray.
139 acriformis, Gray.
140 *acris*, *L.*
141 adoneus, Gray.
142 affinis, R. Br.
143 var. validus, Gray.
144 alismæfolius, Geyer.
145 var. alismellus, Gray.
146 Andersoni, Gray.
147 aquatilis, L.
148 var. brachypus, H. & A.
149 var. cæspitosus, DC.
150 var. confervoides, Hiern.
151 var. flaccidus, Gray.
152 var. trichophyllus, Gray.
153 Arizonicus, Lemmon.
154 var. subaffinis, Gray.
155 var. subsagittatus, Gray.
156 Bloomeri, Watson.
157 Bolanderi, Greene.
158 *bulbosus*, *L.*
159 Californicus, Benth.

160 var. latilobus, Gray.
161 canus, Benth.
162 circinatus, Sibth.
163 Cymbalaria, Pursh.
164 digitatus, Hook.
165 Eschscholtzii, Schlecht.
166 fascicularis, Muhl.
167 *Ficaria*, *L.*
168 Flammula, L., var. intermedius, Hook.
169 var. reptans, Mey.
170 glaberrimus, Hook.
171 hebecarpus, Hook. & Arn.
172 *hederaceus*, *L*
173 hispidus, Hook.
174 var. Oreganus, Gray.
175 Hookeri, Regel.
176 hydrocharoides, Gray.
177 hyperboreus, Rottb.
178 hystriculus, Gray.
179 Lapponicus, L.
180 laxicaulis, Darby.
181 Lemmoni, Gray.
182 Lobbii, Hiern.
183 Ludovicianus, Greene.
184 Macauleyi, Gray.
185 macranthus, Scheele.
186 multifidus, Pursh.
187 var. terrestris, Gray.
188 *muricatus*, *L.*
189 natans, C. A. Mey.
190 nivalis, L.
191 Nuttallii, Gray.
192 oblongifolius, Ell.
193 occidentalis, Nutt.
194 var. Eiseni, Gray.
195 var. Lyalli, Gray.
196 var. Rattani, Gray.
197 var. robustus, Gray.
198 var. tenellus, Gray.
199 orthorhynchus, Hook.
200 var. platyphyllus, Gray.
201 oxynotus, Gray.
202 Pallasii, Schlecht.
203 *parviflorus*, *L.*
204 *parvulus*, *L.*
205 Pennsylvanicus, L. f.
206 Porteri, Britton.
207 pusillus, Poir.
208 var. Lindheimeri, Gray.
209 pygmæus, Wahl.
210 recurvatus, Poir.
211 repens, L.
212 rhomboideus, Goldie.
213 sceleratus, L.
214 septentrionalis, Poir.
215 Suksdorfii Gray.
216 trachyspermus, Engelm.
217 trinervatus, Gray.

THALICTRUM [3]

218 alpinum, L.
219 clavatum, DC.
220 debile, Buckl.
221 dioicum, L.
222 Fendleri, Engelm.
223 var. platycarpum, Trelease.
224 minus, L., var. Kemense, Trel.
225 occidentale, Gray.
226 polycarpum, Watson.
227 polygamum, Muhl.
228 purpurascens, L.
229 sparsiflorum, Turcz.
230 venulosum, Trelease.

TRAUTVETTERIA [9]

231 grandis, Nutt.
232 palmata, Fisch. & Mey.

TROLLIUS [17]

233 laxus, Salisb.

XANTHORHIZA [29]

234 apiifolia, L'Her.

## CALYCANTHACEÆ.

CALYCANTHUS [40]

235 floridus, L.
236 glaucus, Willd.
237 lævigatus, Willd.
238 occidentalis, Hook. & Arn.

## MAGNOLIACEÆ.

ILLICIUM [56]

239 Floridanum, Ellis.
240 parviflorum, Vent.

LIRIODENDRON [61]

241 Tulipifera, L.

MAGNOLIA [58]

242 acuminata, L.
243 cordata, Michx.
244 Fraseri, Walt.
245 glauca, L.
246 grandiflora, L.

247 macrophylla, Michx.
248 Umbrella, Lam.

SCHIZANDRA [62]
249 coccinea, Michx.

## ANONACEÆ.

ANONA [108]
250 laurifolia, Dunal.

ASIMINA [85]
251 angustifolia, Gray.
252 cuneata, Shuttlw.
S 253 grandiflora, Dunal.
S 254 parviflora, Dunal.
S 255 pygmæa, Dunal.
S 256 triloba, Dunal.

## MENISPERMACEÆ.

CALYCOCARPUM [136]
S 257 Lyoni, Nutt.

COCCULUS [148]
S 258 Carolinus, DC.
259 diversifolius, DC.

MENISPERMUM [152]
C S 260 Canadense, L.

## BERBERIDACEÆ.

ACHLYS [201]
S 261 triphylla, DC.

BERBERIS [190]
S 262 Aquifolium, Pursh.
S 263 Canadensis, Pursh.
264 Fendleri, Gray.
265 Fremonti, Torr.
266 nervosa, Pursh.
267 Nevinii, Gray.
268 pinnata, Lag.
S 269 repens, Lindl.
S 270 trifoliolata, Moric.
C S 271 *vulgaris, L.*

CAULOPHYLLUM [193]
C S 272 thalictroides, Michx.

DIPHYLLEIA [198]
S 273 cymosa, Michx.

JEFFERSONIA [199]
S 274 diphylla, Pers.

PODOPHYLLUM [200]
C S 275 peltatum, L.

VANCOUVERIA [195]
S 276 hexandra, Decsne.
277 var. glandulosa, Howell.
278 var. parviflora, Gray.

## NYMPHÆACEÆ.

BRASENIA [203]
C S 279 peltata, Pursh.

CABOMBA [202]
S 280 Caroliniana, Gray.

NELUMBO [209]
S 281 lutea, Pers.

NUPHAR [204]
C S 282 advena, Ait. f.
S 283 var. minus, Morong.
S 284 Kalmianum, Ait.
S 285 polysepalum, Engelm.
286 sagittifolium, Pursh.

NYMPHÆA [205]
287 ampla, DC.
288 elegans, Hook.
S 289 flava, Leitner.
S 290 Leibergi, (Morong).
291 Mexicana, Zucc.
C S 292 odorata, Ait.
C S 293 var. minor, Sims.
C S 294 reniformis, DC.

## SARRACENIACEÆ.

DARLINGTONIA [211]
295 Californica, Torr.

SARRACENIA [210]
296 Drummondii, Croom.
297 flava, L.
298 psittacina, Michx.
C S 299 purpurea, L.
300 rubra, Walt.
S 301 variolaris, Michx.

## PAPAVERACEÆ.

ARCTOMECON [217]
302 Californica, Torr.

ARGEMONE [219]
303 corymbosa, Greene.
304 fruticosa, Thurb.
305 Mexicana, L.
S 306 var. albiflora, DC.
307 platyceras, Link & Otto.
308 var. rosea, Coulter.

CANBYA [218]
309 aurea, Watson.
310 candida, Parry.

CHELIDONIUM [228]
C S 311 *majus, L.*

DENDROMECON [229]
S 312 rigida, Benth.
313 flexilis, Greene.

**ESCHSCHOLTZIA** 231
314 Californica, Cham.
315 cæspitosa, Benth.
316 var. hypecoides, Gray.
317 glauca, Greene.
318 glyptosperma, Greene.
319 Lemmoni, Greene.
320 leptandra, Greene.
321 maritima, Greene.
322 Mexicana, Greene.
323 minutiflora, Watson.
324 modesta, Greene.
325 peninsularis, Greene.
326 ramosa, Greene.
327 rhombipetala, Greene.
328 tenuifolia, Hook.
329 tenuisecta, Greene.

**GLAUCIUM** 226
330 *luteum*, *Scop.*

**MECONOPSIS** 220
331 heterophylla, Benth.

**PAPAVER** 216
332 *Argemone*, *L.*
333 Californicum, Gray.
334 *dubium*, *L.*
335 Lemmoni, Greene.
336 nudicaule, L.
337 var. arcticum, Elkan.
338 *Rhœas*, *L.*
339 *somniferum*, *L.*

**PLATYSTEMON** 213
340 Californicus, Benth.
341 var. leiocarpus, T. & G.

**PLATYSTIGMA** 214
342 denticulatum, Greene.
343 lineare, Benth.
344 Oreganum, B. & H.

**ROMNEYA** 215
345 Coulteri, Harvey.

**SANGUINARIA** 224
346 Canadensis, L.

**STYLOPHORUM** 222
347 diphyllum, Nutt.

## FUMARIACEÆ.

**ADLUMIA** 235
348 cirrhosa, Raf.

**CORYDALIS** 236
349 aurea, Willd.
350 var. occidentalis, Engelm.
351 Brandegei, Watson.
352 Caseana, Gray.
353 crystallina, Engelm.
354 curvisiliqua, Engelm.
355 Cusickii, Watson.
356 flavula, DC.
357 glauca, Pursh.
358 mitrantha, Gray.
359 pauciflora, Pursh.
360 Scouleri, Hook.

**DICENTRA** 234
361 Canadensis, DC.
362 chrysantha, Hook. & Arn.
363 Cucullaria, DC.
364 eximia, DC.
365 formosa, DC.
366 ochroleuca, Engelm.
367 pauciflora, Watson.
368 uniflora, Kellogg.

**FUMARIA** 238
369 *officinalis*, *L.*

## CRUCIFERÆ.

**ALYSSUM** 274
370 *calycinum*, *L.*
371 *maritimum*, *L.*

**ARABIS** 247
372 alpina, L.
373 arcuata, Gray.
374 Beckwithii, Watson.
375 blepharophylla, Hook. & Arn.
376 Breutelii, Lange.
377 Bolanderi, Watson.
378 Breweri, Watson.
379 Canadensis, L.
380 canescens, Nutt.
381 var. (?) stylosa, Watson.
382 confinis, Watson.
383 Cusickii, Watson.
384 dentata, T. & G.
385 Drummondii, Gray.
386 filifolia, Greene.
387 furcata, Watson.
388 hirsuta, Scop.
389 var. glabrata, T. & G.
390 Holbœllii, Hornem.
391 Hookeri, Lange.
392 Howellii, Watson.
393 humifusa, Watson.
394 lævigata, Poir.
395 var. Burkei, Porter.

396 Lemmoni, Watson.
S 397 Ludoviciana, C. A. Mey.
S 398 Lyallii, Watson.
C S 399 lyrata, L.
400 microphylla, Nutt.
401 Parishii, Watson.
S 402 patens, Sulliv.
C S 403 perfoliata, Lam.
404 perennans, Watson.
405 petiolaris, Gray.
S 406 platysperma, Gray.
407 pulchra, M. E. Jones.
408 repanda, Watson.
S 409 spathulata, Nutt.
410 stricta, Huds.
411 subpinnatifida, Watson.
412 suffrutescens, Watson.

**ATHYSANUS** [373]

S 413 pusillus, Greene.

**BARBAREA** [246]

S 414 vulgaris, R. Br.
415 var. arcuata, Koch.
416 var. gracilis, DC.
S 417 var. stricta, Regel.
S 418 *præcox*, *R. Br.*

**BISCUTELLA** [355]

419 Californica, Benth. & Hook.
420 Wislizeni, Benth. & Hook.

**BRASSICA** [317]

421 *alba*, *Gray.*
C S 422 *campestris*, *L.*
C S 423 *nigra*, *Koch.*
424 *Rapa*, *L.*
S 425 *Sinapistrum*, *Boiss.*

**BRAYA** [310]

426 alpina, Sternb., var. Americana. Hook.
427 var. glabella, Watson.
428 Eschscholtziana, B. & H.
429 Oregonensis, Gray.
430 pilosa, Hook.
431 rosea, Bunge.

**CAKILE** [403]

C S 432 Americana, Nutt.
433 maritima, Scop., var. æqualis, Chapm.

**CAMELINA** [312]

S 434 *sativa*, *Crantz.*

**CAPSELLA** [329]

C S 435 *Bursa-pastoris*, *Moench.*
S 436 *elliptica*, *C. A. Mey.*
437 pubens, Benth. & Hook.

**CARDAMINE** [253]

438 angulata, Hook.
S 439 bellidifolia, L.
S 440 Breweri, Watson.
441 Clematitis, Shuttlw.
S 442 cordifolia, Gray.
443 cuneata, Greene.
444 curvisiliqua, Shuttlw.
445 filifolia, Greene.
446 Gambelii, Watson.
C S 447 hirsuta, L.
448 Lyallii, Watson.
S 449 oligosperma, Nutt.
S 450 paucisecta, Benth.
C S 451 pratensis, L.
452 var. angustifolia, Hook.
453 purpurea, Cham. & Schlecht.
C S 454 rhomboidea, DC.
C S 455 var. purpurea, Torr.
S 456 rotundifolia, Michx.
457 spathulata, Michx.

**CAULANTHUS** [252]

458 amplexicaulis, Watson.
459 Coulteri, Watson.
460 crassicaulis, Watson.
461 glaucus, Watson.
462 hastatus, Watson.
463 inflatus, Watson.
464 Lemmoni, Watson.
465 pilosus, Watson.
466 procerus, Watson.

**CHEIRANTHUS** [243]

467 asper, Cham. & Schlecht.
468 Menziesii, Benth. & Hook.
469 occidentalis, Watson.
470 pygmæus, Adams.

**COCHLEARIA** [281]

471 Anglica, L.
472 Danica, L.
473 officinalis, L.
474 sisymbrioides, DC.
475 tridactylites, Banks.

**DENTARIA** [(253)]

476 Californica, Watson.
477 var. pachystigma, Watson.
C S 478 diphylla, L.
479 gemmata, Watson.
S 480 heterophylla, Nutt.
C S 481 laciniata, Muhl.

482 var. multifida, Wats. & Coult.
S 483 maxima, Nutt.
484 tenella, Pursh.

**DRABA** 277

S 485 alpina, L.
486 asprella, Greene.
487 aurea, Vahl.
488 var. stylosa, Gray.
489 aureola, Watson.
490 borealis, DC.
S 491 brachycarpa, Nutt.
492 Breweri, Watson.
S 493 Caroliniana, Walt.
S 494 var. micrantha, Gray.
S 495 chrysantha, Watson.
496 corrugata, Watson.
497 crassifolia, Graham.
498 Crockeri, Lemmon.
S 499 cuneifolia, Nutt.
500 var. integrifolia, Watson.
501 var. platycarpa, Watson.
502 eurycarpa, Gray.
503 Fladnitzensis, Wulf.
504 var. corymbosa, Watson.
S 505 glacialis, Adams.
S 506 var. pectinata, Watson.
S 507 hirta, L.
508 var. arctica, Watson.
509 Howellii, Watson.
510 hyperborea, Desv.
S 511 incana, L.
S 512 var. arabisans, Watson.
513 Lemmoni, Watson.
514 Mogollonica, Greene.
S 515 montana, Watson.
S 516 nemorosa, L.
517 nivalis, Lilj.
518 var. elongata, Watson.
519 ramosissima, Desv.
520 Sonoræ, Greene.
521 stenoloba, Ledeb.
522 streptocarpa, Gray.
523 subsessilis, Watson.
524 unilateralis, M. E. Jones.
525 ventosa, Gray.
S 526 *verna*, *L.*

**DRYOPETALON** 248

S 527 runcinatum, Gray.

**ERYSIMUM** 295

S 528 asperum, DC.
CS 529 cheiranthoides, L.
530 insulare, Greene.
531 *orientale*, *R. Br.*
S 532 parviflorum, Nutt.
S 533 pumilum, Nutt.

**EUTREMA** 291

534 Edwardsii, R. Br.
535 Labradoricum, Turcz.

**GREGGIA** 297

S 536 camporum, Gray.
537 var. angustifolia, Coulter.
S 538 linearifolia, Watson.

**HESPERIS** 285

CS 539 *matronalis*, *L.*

**LEAVENWORTHIA** 256

540 aurea, Torr.
S 541 Michauxii, Torr.
542 stylosa, Gray.
543 torulosa, Gray.

**LEPIDIUM** 336

544 alyssoides, Gray.
S 545 *campestre*, *R. Br.*
S 546 dictyotum, Gray.
547 var. (?) acutidens, Gray.
548 *Draba*, *L.*
549 flavum, Torr.
550 Fremonti, Watson.
551 Grœnlandicum, Hornem.
552 integrifolium, Nutt.
553 var. heterophyllum, Watson.
CS 554 intermedium, Gray.
555 lasiocarpum, Nutt.
556 var. tenuipes, Watson.
557 latipes, Hook.
S 558 Menziesii, DC.
559 montanum, Nutt.
560 nanum, Watson.
S 561 nitidum, Nutt.
562 Oreganum, Howell.
S 563 oxycarpum, T. & G.
564 var. (?) strictum, Watson.
CS 565 *ruderale*, *L.*
S 566 *sativum*, *L.*
567 sordidum, Gray.
568 Utahense, M. E. Jones.
CS 569 Virginicum, L.

**LESQUERELLA** (272)

570 alpina, Watson.
571 var. intermedia, Watson.
572 angustifolia, Watson.

573 arctica, Watson.
574 var Purshi Watson.
575 argyrea, Watson.
576 Arizonica Watson.
577 auriculata, Watson.
578 (?) cinerea, Watson.
579 densiflora, Watson.
580 Douglasii, Watson.
581 Engelmanni, Watson.
582 Fendleri, Watson.
583 globosa, Watson.
584 Gordoni, Watson.
585 var. sessilis, Watson.
586 gracilis, Watson.
587 var. sessilis, Watson.
588 grandiflora, Watson.
589 Kingii, Watson.
590 lasiocarpa, Watson.
591 Lescurii, Watson.
592 Lindheimeri, Watson.
593 Ludoviciana, Watson.
594 var. arenosa, Watson.
595 montana, Watson.
596 Nuttallii Watson.
597 occidentalis, Watson.
598 pallida, Watson.
599 Palmeri, Watson.
600 purpurea, Watson.
601 recurvata, Watson.
602 repanda, Watson.
603 (?) Wardii, Watson.

**LYROCARPA** 367

604 Coulteri, Hook. & Harv.
605 Palmeri, Watson.

**NASTURTIUM** 245

606 amphibium, R. Br.
607 *Armoracia*, *Fries*.
608 curvisiliqua, Nutt.
609 var. lyratum, Watson.
610 lacustre, Gray.
611 limosum, Nutt.
612 obtusum, Nutt.
613 var. (?) alpinum, Watson.
614 *officinale*, *R. Br.*
615 palustre, DC.
616 var. hispidum, Fisch. & Mey.
617 sessiliflorum, Nutt.
618 sinuatum Nutt.
619 sphærocarpum, Gray.
620 *sylvestre*, *R. Br.*
621 tanacetifolium, Hook. & Arn.
622 trachycarpum, Gray.

**NESLIA** 381

623 *paniculata*, *Desv.*

**PARRYA** 241

624 arctica, R. Br.
625 arenicola, Hook. f.
626 nudicaulis, var. aspera, Regel.
627 var. glabra, Regel.

**PHYSARIA** (272)

628 didymocarpa, Gray.
629 Geyeri, Gray.
630 Newberryi Gray.
631 Oregona Watson.

**PLATYSPERMUM** 266

632 scapigerum, Hook.

**RAPHANUS** 411

633 *Raphanistrum*, *L.*

**SELENIA** 265

634 aurea, Nutt.
635 dissecta, T. & G.

**SENEBIERA** 333

636 *Coronopus*, *DC.*
637 *didyma*, *Pers.*

**SISYMBRIUM** 290

638 *acutangulum*, *DC.*
639 *Alliaria*, *Scop.*
640 canescens, Nutt.
641 var. brachycarpum, Watson.
642 diffusum, Gray.
643 humile, C. A. Mey.
644 incisum, Engelm.
645 var. filipes, Gray.
646 var. Hartwegianum, Watson.
647 linifolium, Nutt.
648 *officinale*, *Scop.*
649 pauciflorum, Nutt.
650 reflexum, Nutt.
651 salsugineum, Pall.
652 *Sophia*, *L.*
653 var. (S. sophioides, Fisch.)
654 *Thaliana*, *Gaud.*
655 virgatum, Nutt.

**SMELOWSKIA** 294

656 calycina C. A. Mey.
657 (?) Fremonti, Watson.

**STANFORDIA** 309

658 Californica, Watson.

**STANLEYA** 300

659 pinnatifida, Nutt.
660 tomentosa, Parry.

661 viridiflora, Nutt.
STREPTANTHUS [250]
662 Arizonicus, Watson.
663 barbatus, Watson.
664 barbiger, Greene.
665 bracteatus, Gray.
666 Breweri, Gray.
667 campestris, Watson.
668 carinatus, Wright.
669 cordatus, Nutt.
670 diversifolius, Watson.
671 flavescens, Hook.
672 glandulosus, Hook.
673 var. (?) lævis, Watson.
674 heterophyllus, Nutt.
675 hispidus, Gray.
676 Howellii, Watson.
677 hyacinthoides, Hook.
678 Lemmoni, Watson.
679 longirostris, Watson.
680 maculatus, Nutt.
681 niger, Greene.
682 platycarpus, Gray.
683 polygaloides, Gray.
684 tortuosus, Kellogg.
SUBULARIA [316]
685 aquatica, L.
SYNTHLIPSIS [368]
686 Berlandieri, Gray.
687 var. hispida, Watson.
688 Greggii, Gray.
THELYPODIUM [251]
689 ambiguum, Watson.
690 auriculatum, Watson.
691 brachycarpum, Torr.
692 Cooperi, Watson.
693 flavescens, Watson.
694 Howellii, Watson.
695 integrifolium, Endl.
696 laciniatum, Endl.
697 Lemmoni, Greene.
698 linearifolium, Watson.
699 longifolium, Watson.
700 micranthum, Watson.
701 neglectum, Jones.
702 Nuttallii, Watson.
703 pinnatifidum, Watson.
704 rigidum, Greene.
705 sagittatum, Endl.
706 stenopetalum, Watson.
707 Vaseyi, Coulter.
708 Wrightii, Gray.
THLASPI [359]
709 alpestre, L.
710 *arvense*, *L.*
711 Californicum, Watson.
THYSANOCARPUS [372]
712 conchuliferus, Greene.
713 curvipes, Hook.
714 erectus, Watson.
715 laciniatus, Nutt.
716 var. crenatus, Brewer.
717 radians, Benth.
718 ramosus, Greene.
TROPIDOCARPUM [309]
719 capparideum, Greene.
720 gracile, Hook.
WAREA [301]
721 amplexifolia, Nutt.
722 cuneifolia, Nutt.

## CAPPARIDACEÆ.

CAPPARIS [446]
723 cynophallophora, L.
724 Jamaicensis, Jacq.
CLEOME [425]
725 integrifolia, T. & G.
726 lutea, Hook.
727 *pentaphylla*, *L.*
728 platycarpa, Torr.
729 Sonoræ, Gray.
730 sparsifolia, Watson.
731 *spinosa*, *L.*
CLEOMELLA [427]
732 angustifolia, Torr.
733 brevipes, Watson.
734 longipes, Torr.
735 var. (?) grandiflora, Watson.
736 obtusifolia, Torr.
737 oocarpa, Gray.
738 parviflora, Gray.
739 plocasperma, Watson.
CRISTATELLA [428]
740 erosa, Nutt.
741 Jamesii, T. & G.
ISOMERIS [429]
742 arborea, Nutt.
OXYSTYLIS [434]
743 lutea, Torr.
POLANISIA [430]
744 graveolens, Raf.

745 tenuifolia, T. & G.
746 trachysperma, T. & G.
747 uniglandulosa, DC.

WISLIZENIA [433]
748 Palmeri, Gray.
749 refracta, Engelm.

## RESEDACEÆ.

OLIGOMERIS [459]
750 glaucescens, Camb.

RESEDA [458]
751 *alba*, *L.*
752 *lutea*, *L.*
753 *Luteola*, *L.*

## CISTACEÆ.

HELIANTHEMUM [462]
754 arenicola, Chapm.
755 Canadense, Michx.
756 capitatum, Nutt.
757 Carolinianum, Michx.
758 corymbosum, Michx.
759 occidentale, Greene.
760 scoparium, Nutt.

HUDSONIA [463]
761 ericoides, L.
762 montana, Nutt.
763 tomentosa, Nutt.

LECHEA [464]
764 Drummondii, T. & G.
765 major, Michx.
766 var. divaricata, Gray.
767 minor, L.
768 var. maritima, Gray.
769 patula, Leggett.
770 racemulosa, Lam.
771 tenuifolia, Michx.
772 thymifolia, Michx.
773 Torreyi, Leggett.

## VIOLACEÆ.

IONIDIUM [470]
774 parietariæfolium, DC.
775 polygalæfolium, Vent.

SOLEA [470]
776 concolor, Ging.

VIOLA [469]
777 Beckwithii, T. & G.
778 biflora, L.
779 blanda, Willd.
780 var. palustriformis, Gray.
781 var. renifolia, Gray.
782 Canadensis, L.
783 var. scariosa, Porter.
784 var. scopulorum, Gray.
785 canina, L., var. adunca, Gray.
786 var. Muhlenbergii, Gray.
787 var. multicaulis, Gray.
788 var. oxyceras, Watson.
789 var. puberula, Watson.
790 chrysantha, Hook.
791 cuneata, Watson.
792 glabella, Nutt.
793 Hallii, Gray.
794 hastata, Michx.
795 var. tripartita, Gray.
796 Howellii, Gray.
797 lanceolata, L.
798 Langsdorffii, Fisch.
799 lobata, Benth.
800 var. integrifolia, Watson.
801 Nuttallii, Pursh.
802 ocellata, T. & G.
803 *odorata*, *L.*
804 palmata, L.
805 var. cucullata, Gray.
806 palustris, L.
807 pedata, L.
808 var. bicolor, Pursh.
809 pedatifida, G. Don.
810 pedunculata, T. & G.
811 pinetorum, Greene.
812 præmorsa, Dougl.
813 var. venosa, Gray.
814 primulæfolia, L.
815 var. occidentalis, Gray.
816 pubescens, Ait.
817 var. scabriuscula, T. & G.
818 rostrata, Muhl.
819 rotundifolia, Michx.
820 sagittata, Ait.
821 sarmentosa, Dougl.
822 var. orbiculata, Gray.
823 Selkirkii, Pursh.
824 Sheltonii, Torr.
825 striata, Ait.
826 *tricolor*, *L.*, *var. arvensis*, *DC.*
827 trinervata, Howell.

## CANELLACEÆ.

CANELLA [489]
828 alba, Murray.

## BIXINEÆ.

AMOREUXIA [493]
829 palmatifida, DC.
830 Wrightii, Gray.

## POLYGALACEÆ.

KRAMERIA [557]
831 canescens, Gray.
832 parvifolia, Benth.
833 ramosissima, Watson.
834 secundiflora, DC.

MONNINA [554]
835 Wrightii, Gray.

POLYGALA [542]
836 acanthoclada, Gray.
S 837 alba, Nutt.
838 var. (?) suspecta, Watson.
Fla S 839 Baldwinii, Nutt.
Ala S 840 Boykini, Nutt.
841 brevifolia, Nutt.
S 842 Californica, Nutt.
843 Chapmanii, T. & G.
Fla CS 844 cruciata, L.
845 cucullata, Benth.
S 846 Curtissii, Gray.
Fla S 847 cymosa, Walt.
848 fastigiata, Nutt.
Fla S 849 grandiflora, Walt.
850 hemipterocarpa, Gray.
851 Hookeri, T. & G.
Fla S 852 incarnata, L.
853 leptocaulis, T. & G.
Fla S 854 leptostachys, Shuttlw.
855 Lindheimeri, Gray.
Fla S 856 lutea, L.
857 macradenia, Gray.
Fla S 858 nana, DC.
859 Nuttallii, T. & G.
860 ovalifolia, DC.
CS 861 paucifolia, Willd.
CS 862 polygama, Walt.
WNM S 863 puberula, Gray. WVt-Mc
Fla S 864 ramosa, Ell.
865 Reynoldsæ, Chapm.
866 Rugelii, Shuttlw.
867 Rusbyi, Greene. Vt+W B NY
CS 868 sanguinea, L.
869 scoparia, HBK. Sc
870 var. multicaulis, Gray.
Sc CS 871 Senega, L.
872 var. latifolia, T. & G.
Fla S 873 setacea, Michx.
874 subspinosa, Watson.
CS 875 verticillata, L.
Tenn R S 876 var. ambigua, Wats. & Coult.

## FRANKENIACEÆ.

FRANKENIA [565]
877 grandifolia, Cham. & Schl.
878 var. campestris, Gray.
879 Jamesii, Torr.
880 Palmeri, Watson.

## CARYOPHYLLACEÆ.

ARENARIA [583]
881 aculeata, Watson.
S 882 alsinoides, Willd. = lanuginosa
883 arctica, Stev.
884 var. breviscapa, Regel.
885 var. (?) cæspitosa, Watson.
886 Benthamii, Fenzl.
887 biflora, Watson.
888 var. carnosula, Watson.
889 var. obtusa, Watson.
Ga BNC S 890 brevifolia, Nutt.
S 891 Californica, Brewer.
S 892 capillaris, Poir., var. nardifolia, Regel.
NJ S 893 Caroliniana, Walt.
894 ciliata, L.
895 var. humifusa, Hornem.
S 896 congesta, Nutt.
S 897 var. subcongesta, Watson.
S 898 Douglasii, T. & G.
S 899 Fendleri, Gray.
900 var. diffusa, Porter.
901 var. glabrescens, Watson.
S 902 Franklinii, Dougl.
903 var. minor, Hook. & Arn.
904 glabra, Michx.
S 905 Grœnlandica, Spreng. Col.
S 906 Howellii, Watson.
CS 907 lateriflora, L.
908 macradenia, Watson.
909 macrocarpa, Pursh.
S 910 macrophylla, Hook.
S 911 Michauxii, Hook. f.
912 palustris, Watson.
S 913 patula, Michx.
914 peploides, L.
915 var. oblongifolia, Watson.

916 physodes, DC.
917 pumilio, R. Br.
918 pungens, Nutt.
919 pusilla, Watson.
920 Rusbyi, Greene.
921 saxosa, Gray.
922 scabrella, Greene.
923 *serpyllifolia, L.*
924 stricta, Watson.
925 tenella, Nutt.
926 verna, L.
927 var. hirta, Watson.
928 var. rubella, Hook. f.

**BUDA** (594)

929 borealis, Watson.
930 gracilis, (Watson)
931 macrotheca, (Hornem.)
932 marina, Dumort.
933 var. leiosperma, N. E. Brown.
934 var. (?) minor, Watson.
935 pallida, (Greene)
936 rubra, Dumort.
937 salsuginea, (Bunge)
938 tenuis, (Greene)
939 villosa (Pers.)

**CERASTIUM** 580

940 alpinum, L.
941 var. Behringianum, Regel.
942 var. Fisherianum, T. & G.
943 var. glabratum, Hook.
944 var. (?) uniflorum, Durand.
945 arvense, L.
946 var. angustifolium, Fenzl.
947 var. Fuegianum, Hook.
948 var. latifolium, Fenzl.
949 var. maximum, Holl. & Britt.
950 var. oblongifolium, Holl. & B.
951 var. villosum, Holl. & Britt.
952 maximum, L.
953 nutans, Raf.
954 pilosum, Ledeb.
955 *quaternellum, Fenzl.*
956 sericeum, Watson.
957 Texanum, Britton.
958 trigynum, Vill.
959 *viscosum, L.*
960 var. tenellum, Grenier.
961 *vulgatum, L.*

**DIANTHUS** 569

*962 alpinus, L., var. repens, Regel.*
963 *Armeria, L.*
964 *barbatus, L.*
965 *deltoides, L.*
966 *prolifer, L.*

**DRYMARIA** 595

967 crassifolia, Benth.
968 effusa, Gray.
969 Fendleri, Watson.
970 sperguloides, Gray.
971 tenella, Gray.

**GYPSOPHILA** 573

972 *muralis, L.*

**HOLOSTEUM** 579

973 *umbellatum, L.*

**LŒFLINGIA** 598

974 (?) pusilla, Curran.
975 squarrosa, Nutt.

**LYCHNIS** 577

976 affinis, Vahl.
977 alpina, L.
978 apetala, L.
979 var. glabra, Regel.
980 Californica, Watson.
981 *Coronaria, Lam.*
982 *dioica, L.*
983 *diurna, Sibth.*
984 Drummondii, Watson.
985 elata, Watson.
986 *Flos-cuculi, L.*
987 *Githago, Lam.*
988 Kingii, Watson.
989 montana, Watson.
990 nuda, Watson.
991 Parryi, Watson.
992 triflora, R. Br.
993 *vespertina, Sibth.*

**POLYCARPON** 596

994 depressum, Nutt.
995 *tetraphyllum, L. f.*

**SAGINA** 586

996 apetala, L.
997 crassicaulis, Watson.
998 decumbens, T. & G.
999 var. Smithii, Gray.
1000 Linnæi, Presl.
1001 nivalis, Lindbl.
1002 nodosa, Fenzl.
1003 occidentalis, Watson.
1004 procumbens, L.

**SAPONARIA** 574

1005 *officinalis, L.*

S 1006 *Vaccaria*, *L.*

SILENE 575

S 1007 acaulis, L.
C S 1008 antirrhina, L.
1009 var. linaria, Wood.
C S 1010 *Armeria*, *L.*
1011 Baldwinii, Nutt.
1012 Bernardina, Watson.
1013 Bridgesii, Rohrb.
S 1014 Californica, Durand.
1015 campanulata, Watson.
C S 1016 *Cucubalus*, *Wibel.*
S 1017 Douglasii, Hook.
1018 *Gallica*, *L.*
1019 Grayi, Watson.
1020 Hallii, Watson.
1021 Hookeri, Nutt.
1022 incompta, Gray.
1023 laciniata, Cav.
S 1024 var. Greggii, Watson.
1025 Lemmoni, Watson.
1026 longistylis, Engelm.
1027 Luisana, Watson.
1028 Lyallii, Watson.
1029 Macounii, Watson.
S 1030 Menziesii, Hook.
1031 monantha, Watson.
1032 montana, Watson.
1033 multicaulis, Nutt.
1034 multinervia, Watson.
S 1035 nivea, Otth.
C S 1036 *noctiflora*, *L.*
C S 1037 *nocturna*, *L.*
1038 occidentalis, Watson.
1039 Oregana, Watson.
1040 ovata, Pursh.
1041 Palmeri, Watson.
1042 Parishii, Watson.
1043 pectinata, Watson.
S 1044 Pennsylvanica, Michx.
1045 platyota, Watson.
1046 plicata, Watson.
1047 regia, Sims.
1048 rotundifolia, Nutt.
1049 Sargentii, Watson.
S 1050 Scouleri, Hook.
1051 Shockleyi, Watson.
1052 simulans, Greene.
1053 Spaldingii, Watson.
S 1054 stellata, Ait.
1055 Suksdorfii, Robinson.
1056 Thurberi, Watson.
1057 verecunda, Watson.
S 1058 Virginica, L.
1059 Wrightii, Gray.

SPERGULA 593

C S 1060 *arvensis*, *L.*

STELLARIA 581

C S 1061 borealis, Bigel.
S 1062 var. alpestris, Gray.
1063 crassifolia, Ehrh.
1064 crispa, Cham. & Schlecht.
1065 dicranoides, Fenzl.
S 1066 *graminea*, *L.*
1067 humifusa, Rottb.
1068 Jamesii, Torr.
1069 Kingii, Watson.
S 1070 littoralis, Torr.
C S 1071 longifolia, Muhl.
S 1072 longipes, Goldie.
1073 var. Edwardsii, T. & G.
1074 var. læta, T. & G.
1075 var. minor, Hook.
1076 var. peduncularis, Fenzl.
1077 macropetala, T. & G.
C S 1078 *media*, *Smith.*
S 1079 nitens, Nutt.
1080 Nuttallii, T. & G.
1081 obtusa, Eng.
S 1082 prostrata, Baldw.
S 1083 pubera, Michx.
1084 ruscifolia, Willd.
S 1085 uliginosa, Murr.
1086 umbellata, Turcz.
1087 uniflora, Walt.

STIPULICIDA 602

1088 setacea, Michx.

TUNICA 570

1089 *Saxifraga*, *Scop.*

## PORTULACACEÆ.

CALANDRINIA 614

1090 Breweri, Watson.
1091 caulescens, HBK.
1092 var. Menziesi Gray.
1093 Columbiana, Howell.
1094 Cotyledon, Watson.
1095 Grayi, Britton.
1096 Howellii, Watson.

1097 Leana, Porter.
1098 maritima, Nutt.
1099 Nevadensis, Gray.
1100 oppositifolia, Watson.
1101 sesuvioides, Gray.
1102 Tweedyi, Gray.

CALYPTRIDIUM [621]
1103 monandrum, Nutt.
1104 Parryi, Gray.
1105 quadripetalum, Watson.
1106 roseum, Watson.

CLAYTON'A [615]
1107 arctica, Adams.
1108 asarifolia, Bong.
1109 Caroliniana, Michx.
1110 Chamissonis, Esch.
1111 dichotoma, Nutt.
1112 diffusa, Nutt.
1113 Hallii, Gray.
1114 lanceolata, Pursh.
1115 linearis, Dougl.
1116 megarrhiza, Parry.
1117 parviflora, Dougl.
1118 var. depressa, Gray.
1119 parvifolia, Moc.
1120 perfoliata, Donn.
1121 sarmentosa, C. A. Mey.
1122 Sibirica, L.
1123 var. bulbillifera, Gray.
1124 var. heterophylla, Gray.
1125 spathulata, Dougl.
1126 var. tenuifolia, Gray.
1127 triphylla, Watson.
1128 tuberosa, Pall.
1129 umbellata, Watson.
1130 Virginica, L.

LEWISIA [622]
1131 brachycalyx, Engelm.
1132 rediviva, Pursh.

MONTIA [618]
1133 fontana, L.

PORTULACA [605]
1134 halimoides, L.
1135 lanceolata, Engelm.
1136 *oleracea, L.*
1137 parvula, Gray.
1138 pilosa, L.
1139 retusa, Engelm.
1140 stelliformis, Moc. & Sesse.

SPRAGUEA [616]
1141 umbellata, Torr.
1142 var. caudicifera, Gray.

TALINOPSIS [610]
1143 frutescens, Gray.

TALINUM [612]
1144 brevifolium, Torr.
1145 calycinum, Engelm.
1146 humile, Greene.
1147 lineare, HBK.
1148 parviflorum, Nutt.
1149 patens, Willd.
1150 var. sarmentosum, Gray.
1151 spinescens, Torr.
1152 teretifolium, Pursh.

## TAMARISCINEÆ.

FOUQUIERA [627]
1153 formosa, HBK.
1154 spinosa, HBK.
1155 splendens, Engelm.

TAMARIX [623]
1156 *Gallica, L.*

## ELATINACEÆ.

BERGIA [629]
1157 Texana, Seub.

ELATINE [628]
1158 Americana, Arn.
1159 brachysperma, Gray.
1160 Californica, Gray.
1161 triandra, Schkuhr.

## HYPERICACEÆ.

ASCYRUM [630]
1162 amplexicaule, Michx.
1163 Crux-Andreæ, L.
1164 hypericoides, L.
1165 pumilum, Michx.
1166 stans, Michx.

ELODES [(631)]
1167 campanulata, Pursh.
1168 petiolata, Pursh.

HYPERICUM [631]
1169 adpressum, Barton.
1170 anagalloides, Cham. & Schl.
1171 Ascyron, L.
1172 aureum, Bartram.
1173 Buckleyi, M. A. Curtis.
1174 Canadense, L.
1175 var. majus, Gray.
1176 var. minimum, Chois.

1177 cistifolium, Lam.
1178 concinnum, Benth.
1179 densiflorum, Pursh.
1180 dolabriforme, Vent.
1181 Drummondii, T. & G.
1182 ellipticum, Hook.
1183 fasciculatum, Lam.
1184 formosum, HBK., var. Scouleri, Coulter.
1185 galioides, Lam.
1186 graveolens, Buckl.
1187 gymnanthum, Eng. & Gray.
1188 Kalmianum, L.
1189 lobocarpum, Gattinger.
1190 maculatum, Walt.
1191 microsepalum, Gray.
1192 mutilum, L.
1193 myrtifolium, Lam.
1194 nudicaule, Walt.
1195 nudiflorum, Michx.
1196 opacum, T. & G.
1197 *perforatum, L.*
1198 pilosum, Walt.
1199 prolificum, L.
1200 virgatum, Lam.
1201 var. acutifolium, Coulter.

## GUTTIFERÆ.

CLUSIA [638]
1202 *flava, L.*

## TERNSTRŒMIACEÆ.

GORDONIA [692]
1203 Lasianthus, L.
1204 pubescens, L'Her.

STUARTIA [687]
1205 pentagyna, L'Her.
1206 Virginica, Cav.

## CHEIRANTHODENDREÆ.

FREMONTIA [807]
1207 Californica, Torr.

## MALVACEÆ.

ABUTILON [747]
1208 *Avicennæ, Gaertn.*
1209 Berlandieri, Gray.
1210 crispum, Don.
1211 var. imberbe, Griseb.
1212 holosericeum, Scheele.
1213 incanum, Don.
1214 *Indicum, Don, var. hirtum, Griseb.*
1215 Jacquini, Don.
1216 Lemmoni, Watson.
1217 malacum, Watson.
1218 Nealleyi, Coulter
1219 Parishii, Watson.
1220 parvulum, Gray.
1221 *pedunculare, HBK.*
1222 permolle, Don.
1223 reventum, Watson.
1224 Sonoræ, Gray.
1225 Thurberi, Gray.
1226 Wrightii, Gray.

ALTHÆA [730]
1227 *officinalis, L.*

ANODA [739]
1228 abutiloides, Gray.
1229 Arizonica, Gray.
1230 var. digitata, Gray.
1231 hastata, Cav.
1232 var. depauperata, Gray.
1233 pentaschista, Gray.
1234 reticulata, Watson.
1235 Thurberi, Gray.
1236 Wrightii, Gray.

CALLIRRHOE [733]
1237 alcæoides, Gray.
1238 digitata, Nutt.
1239 involucrata, Gray.
1240 var. lineariloba, Gray.
1241 Papaver, Gray.
1242 pedata, Gray.
1243 triangulata, Gray.

FUGOSIA [764]
1244 Drummondii, Gray.
1245 heterophylla, Spach.

GOSSYPIUM [768]
1246 *herbaceum, L.*

HIBISCUS [762]
1247 aculeatus, Walt.
1248 cardiophyllus, Gray.
1249 coccineus, Walt.
1250 var. integrifolius, Chapm.
1251 Coulteri, Harv.
1252 denudatus, Benth.
1253 var. involucellatus, Gray.
1254 furcellatus, Desr.
1255 incanus, Wendl.
1256 lasiocarpus, Cav.
1257 var. occidentalis, Gray.
1258 *Manihot*, L.

1259 militaris, Cav.
1260 Moscheutos, L.
1261 *Syriacus, L.*
1262 tiliaceus, L.
1263 *Trionum, L.*
1264 tubiflorus, DC.

**HORSFORDIA** 735a
1265 Newberryi, Gray.

**INGENHOUZIA** (767)
1266 triloba, DC.

**KOSTELETZKYA** 756
1267 altheæfolia, Gray.
1268 smilacifolia, Gray.
1269 Virginica, Gray.

**LAVATERA** 731
1270 assurgentiflora, Kellogg.
1271 insularis, Watson.

**MALACHRA** 751
1272 capitata, L.
1273 palmata, Moench.

**MALVA** 732
1274 *Alcea, L.*
1275 *borealis, Wallm.*
1276 *crispa, L.*
1277 *moschata, L.*
1278 *Nicænsis, All.*
1279 *parviflora, L.*
1280 *rotundifolia, L.*
1281 *sylvestris, L.*

**MALVASTRUM** 736
1282 angustum, Gray.
1283 coccineum, Gray.
1284 densiflorum, Watson.
1285 exile, Gray.
1286 Fremonti Torr.
1287 leptophyllum, Gray.
1288 marrubioides, Dur. & Hilg.
1289 var. paniculatum, Gray.
1290 Palmeri, Watson.
1291 rotundifolium, Gray.
1292 Rugelii, Watson.
1293 scoparium Gray.
1294 spicatum, Gray.
1295 Thurberi, Gray.
1296 var. laxiflorum, Gray.
1297 tricuspidatum, Gray.
1298 Wrightii, Gray.

**MALVAVISCUS** 755
1299 Drummondii, T. & G.

**MODIOLA** 750
1300 multifida, Moench.

**NAPÆA** 735
1301 dioica, L.

**PAVONIA** 753
1302 *hastata, Cav.*
1303 lasiopetala, Scheele.
1304 racemosa, Swartz.
1305 *spinifex, L.*
1306 Wrightii, Gray.

**SIDA** 742
1307 angustifolia, Lam.
1308 *carpinifolia, L.*
1309 ciliaris, L.
1310 var fasciculata, Gray.
1311 cordifolia, L.
1312 cuneifolia, Gray.
1313 diffusa, HBK.
1314 Elliottii, T. & G.
1315 fasciculata, T. & G.
1316 filipes, Gray.
1317 hederacea, Torr.
1318 lepidota, Gray.
1319 var. sagittæfolia, Gray.
1320 Lindheimeri, Eng. & Gray.
1321 longipes, Gray.
1322 Napæa, Cav.
1323 Neo-Mexicana, Gray.
1324 physocalyx, Gray.
1325 *rhombifolia, L.*
1326 *var. Canariensis, Griseb.*
1327 *spinosa, L.*
1328 supina, L'Her.
1329 tragiæfolia, Gray.

**SIDALCEA** 734
1330 asprella, Greene.
1331 Californica, Gray.
1332 calycosa, Jones.
1333 campestris, Greene.
1334 candida, Gray.
1335 diploscypha, Gray.
1336 var. minor, Gray.
1337 glaucescens, Greene.
1338 Hartwegi, Gray.
1339 var. tenella, Gray.
1340 Hendersoni, Watson.
1341 Hickmani, Greene.
1342 hirsuta, Gray.
1343 malachroides, Gray.
1344 malvæflora, Gray.
1345 Neo-Mexicana, Gray.
1346 Oregana, Gray.

1347 pedata, Gray.
1348 spicata, Greene.

SPHÆRALCEA [749]
1349 acerifolia, Nutt.
1350 ambigua, Gray.
1351 angustifolia, Spach.
1352 var. cuspidata, Gray.
1353 Coulteri, Gray.
1354 Emoryi, Torr.
1355 Fendleri, Gray.
1356 hastulata, Gray.
1357 incana, Torr.
1358 var. dissecta, Gray.
1359 longisepala, Torr.
1360 Lindheimeri, Gray.
1361 Munroana, Spach.
1362 pedata, Torr.
1363 var. angustiloba, Gray.
1364 pedatifida, Gray.
1365 Rusbyi, Gray.
1366 subhastata, Coulter.
1367 Wrightii, Gray.

URENA [752]
1368 *lobata*, *L.*

WISSADULA [746]
1369 mucronulata, Gray.

## STERCULIACEÆ.

AYENIA [828]
1370 microphylla, Gray.
1371 pusilla, L.

HERMANNIA [815]
1372 pauciflora, Watson.
1373 Texana, Gray.

MELOCHIA [818]
1374 *corchorifolia*, *L.*
1375 hirsuta, Cav.
1376 var. glabrescens, Gray.
1377 pyramidata, L.
1378 tomentosa, L.

WALTHERIA [820]
1379 Americana, L.
1380 detonsa, Gray.
1381 microphylla, Gray.

## TILIACEÆ.

CORCHORUS [864]
1382 hirtus, L., var. glabellus, Gray.
1383 *siliquosus*, *L.*

TILIA [872]
1384 Americana, L.
1385 heterophylla, Vent.
1386 pubescens, Ait.
1387 var. leptophylla, Vent.

TRIUMFETTA [858]
1388 *semitriloba*, *L.*

## LINACEÆ.

LINUM [892]
1389 adenophyllum, Gray.
1390 aristatum, Engelm.
1391 Berlandieri Hook.
1392 var. Plotzii, Trelease.
1393 Breweri, Gray.
1394 Californicum, Benth.
1395 var. confertum, Gray.
1396 Clevelandi, Greene.
1397 congestum, Gray.
1398 digynum, Gray.
1399 drymarioides, Curran.
1400 Floridanum, Trelease.
1401 Greggii, Engelm.
1402 *humile*, *Mill.*
1403 Kingii, Watson.
1404 micranthum Gray.
1405 multicaule, Hook.
1406 Neo-Mexicanum, Greene.
1407 perenne, L., var. Lewisii, Eat. & Wright.
1408 rigidum, Pursh.
1409 var. puberulum, Engelm.
1410 rupestre, Engelm.
1411 spergulinum, Gray.
1412 striatum, Walt.
1413 sulcatum, Riddell.
1414 *usitatissimum*, *L.*
1415 Virginianum, L.

## MALPIGHIACEÆ.

ASPICARPA [956]
1416 hyssopifolia, Gray.
1417 longipes, Gray.

BYRSONIMA [910]
1418 lucida, HBK.

GALPHIMIA [924]
1419 angustifolia, Benth.

JANUSIA [960]
1420 gracilis, Gray.

MALPIGHIA [911]
1421 glabra, L.

## ZYGOPHYLLACEÆ.

FAGONIA [971]
1422 Californica, Benth.

GUAIACUM [974]
1423 angustifolium, Engelm.
1424 sanctum, L.
1425 var. parvifolium, Nutt.
LARREA [972]
1426 Mexicana, Moric.
PEGANUM [1022]
1427 Mexicanum, Gray.
TRIBULUS [962]
1428 Californicus, Watson.
1429 cistoides, L.
1430 grandiflorus, Benth. & Hook.
1431 maximus, L.

## GERANIACEÆ.

ERODIUM [984]
1432 *Botrys*, *Bertol.*
1433 *cicutarium*, *L'Her.*
1434 macrophyllum, Hook. & Arn.
1435 *moschatum*, *Willd.*
1436 Texanum, Gray.
FLŒRKEA [988]
1437 proserpinacoides, Willd.
GERANIUM [983]
1438 cæspitosum, James.
1439 Carolinianum, L.
1440 var. longipes, Watson.
1441 var. Texanum, Trelease.
1442 *columbinum*, *L.*
1443 *dissectum*, *L.*
1444 erianthum, DC.
1445 Fremonti, Torr.
1446 Hernandezii, DC.
1447 incisum, Nutt.
1448 maculatum, L.
1449 *molle*, *L.*
1450 *pusillum*, *L.*
1451 Richardsoni, Fisch. & Mey.
1452 Robertianum, L.
1453 *rotundifolium*, *L.*
1454 *Sibiricum*, *L.*
IMPATIENS [1002]
1455 fulva, Nutt.
1456 pallida, Nutt.
LIMNANTHES [987]
1457 alba, Hartw.
1458 Douglasii, R. Br.
1459 Macounii, Trelease.
1460 rosea, Hartw.
OXALIS [996]
1461 Acetosella, L.
1462 var. Oregana, Trelease.
1463 Berlandieri, Torr.
1464 corniculata, L.
1465 var. (?) macrantha, Trelease.
1466 var. stricta, Sav.
1467 decaphylla, HBK.
1468 dichondræfolia, Gray.
1469 divergens, Benth.
1470 Drummondii, Gray.
1471 latifolia, HBK.
1472 recurva, Ell.
1473 Suksdorfii, Trelease.
1474 trilliifolia, Hook.
1475 violacea, L.
1476 Wrightii, Gray.

## RUTACEÆ.

AMYRIS [1092]
1477 maritima, Jacq.
1478 var. angustifolia, Gray.
1479 parvifolia, Gray.
CHOISYA [1064]
1480 dumosa, Gray.
CITRUS [1102]
1481 *Aurantium*, *L*, *var. Bigaradia*, *Brandis.*
CNEORIDIUM [1124]
1482 dumosum, Hook. f.
HELIETTA [1084]
1483 parvifolia, Benth.
PTELEA [1083]
1484 Baldwinii, T. & G.
1485 var. parvifolia, Gray.
1486 trifoliata, L.
1487 var. mollis, T. & G.
THAMNOSMA [1025]
1488 montanum, Torr.
1489 Texanum, Torr.
XANTHOXYLUM [1067]
1490 Americanum, Mill.
1491 Caribæum, Lam., var. Floridanum, Gray.
1492 Clava-Herculis, L.
1493 var. fruticosum, Gray.
1494 emarginatum, Swartz.
1495 Pterota, HBK.

## SIMARUBACEÆ.

AILANTHUS [1111]
1496 *glandulosus*, *Desf.*
CANOTIA [2041]
1497 holacantha, Torr.
CASTELA [1115]
1498 Nicholsonii, Hook.

HOLACANTHA [1116]
1499 Emoryi, Gray.
KŒBERLINIA [1136]
1500 spinosa, Zucc.
PICRAMNIA [1136]
1501 pentandra, Swartz.
SIMARUBA [1110]
1502 glauca, DC.
SURIANA [1126]
1503 maritima, L.

## BURSERACEÆ.

BURSERA [1155]
1504 gummifera, Jacq.
1505 microphylla, Gray.

## MELIACEÆ.

MELIA [1171]
1506 *Azedarach*, L.
SWIETENIA [1195]
1507 Mahogoni, L.

## OLACINEÆ.

SCHŒPFIA [1221]
1508 Schreberi, Lam.
XIMENIA [1208]
1509 Americana, L.

## ILICINEÆ.

ILEX [1265]
1510 ambigua, Chapm.
1511 var. (?) coriacea, Trelease.
1512 Amelanchier, M. A. Curtis.
1513 Cassine, Walt.
1514 Dahoon, Walt.
1515 var. myrtifolia, Chapm.
1516 decidua, Walt.
1517 glabra, Gray.
1518 lævigata, Gray.
1519 lanceolata, Chapm.
1520 longipes, Chapm.
1521 lucida, T. & G.
1522 mollis, Gray.
1523 monticola, Gray.
1524 opaca, Ait.
1525 verticillata, Gray.
NEMOPANTHES [1267]
1526 fascicularis, Raf.

## CYRILLEÆ.

CLIFTONIA [1270]
1527 nitida, Gaertn.
CYRILLA [1269]
1528 racemiflora, L.

## CELASTRACEÆ.

CELASTRUS [1288]
1529 scandens, L.
EUONYMUS [1272]
1530 Americanus, L.
1531 var. angustifolius, Wood.
1532 var. obovatus, T. & G.
1533 var. sarmentosus, Nutt.
1534 atropurpureus, Jacq.
1535 occidentalis, Nutt.
1536 Parishii, Trelease.
HIPPOCRATEA [1312]
1537 ovata, Lam.
MAYTENUS [1290]
1538 phyllanthoides, Benth.
MORTONIA [1303]
1539 Greggii, Gray.
1540 scabrella, Gray.
1541 sempervirens, Gray.
MYGINDA [1297]
1542 ilicifolia, L.
1543 integrifolia, Lam.
1544 latifolia, Swartz.
1545 Rhacoma, Swartz.
PACHYSTIMA [1277]
1546 Canbyi, Gray.
1547 Myrsinites, Raf.
SCHÆFFERIA [1299]
1548 cuneifolia, Gray.
1549 frutescens, Jacq.

## RHAMNACEÆ.

ADOLPHIA [1350]
1550 Californica, Watson.
1551 infesta, Meisn.
BERCHEMIA [1327]
1552 volubilis, DC.
CEANOTHUS [1332]
1553 Americanus, L.
1554 Andersoni, Parry.
1555 arboreus, Greene.
1556 cordulatus, Kellogg.
1557 crassifolius, Torr.
1558 cuneatus, Nutt.
1559 decumbens, Watson.
1560 dentatus, T. & G.
1561 divaricatus, Nutt.
1562 divergens, Parry.
1563 Fendleri, Gray.
1564 floribundus, Hook.
1565 foliosus, Parry.

1566 Greggii, Gray.
1567 hirsutus, Nutt.
1568 impressus, Trelease.
1569 incanus, T. & G.
1570 integerrimus, Hook. & Arn.
1571 Lemmoni, Parry.
1572 megacarpus, Nutt.
1573 microphyllus, Michx.
1574 Orcuttii, Parry.
1575 ovatus, Desf.
1576 var. pubescens, T. & G.
1577 papillosus, T. & G.
1578 Parryi, Trelease.
1579 parvifolius, Trelease.
1580 prostratus, Benth.
1581 rigidus, Nutt.
1582 sanguineus, Pursh.
1583 serpyllifolius, Nutt.
1584 sorediatus, Hook. & Arn.
1585 spinosus, Nutt.
1586 thyrsiflorus, Esch.
1587 tomentosus, Parry.
1588 Veatchianus, Hook.
1589 velutinus, Dougl.
1590 var. lævigatus, T. & G.
1591 verrucosus, Nutt.

COLUBRINA 1335
1592 ferruginosa, Brongn.
1593 reclinata, Brongn.
1594 Texensis, Gray.

CONDALIA 1322
1595 ferrea, Griseb.
1596 Mexicana, Schlecht.
1597 obovata, Hook.
1598 spathulata, Gray.

GOUANIA 1355
1599 Domingensis, L.

KARWINSKIA 1328
1600 Humboldtiana, Zucc.

MICRORHAMNUS 1323
1601 ericoides, Gray.

REYNOSIA 1357a
1602 latifolia, Griseb.

RHAMNUS 1329
1603 alnifolia, L'Her.
1604 Californica, Esch.
1605 var. rubra, Trelease.
1606 var. tomentella, Br. & Wats.
1607 Caroliniana, Walt.
1608 *cathartica*, *L.*
1609 crocea, Nutt.
1610 var. pilosa, Trelease.
1611 insularis, Greene.
1612 lanceolata, Pursh.
1613 Purshiana, DC.

SAGERETIA 1334
1614 Michauxii, Brongn.
1615 Wrightii, Watson.

ZIZYPHUS 1321
1616 lycioides, Gray.
1617 var. canescens, Gray.
1618 obtusifolius, Gray.
1619 Parryi, Torr.

## VITACEÆ.

AMPELOPSIS 1365
1620 quinquefolia, Michx.

CISSUS 1367
1621 Ampelopsis, Pers.
1622 incisa, Desmoul.
1623 stans, Pers.

VITIS 1358
1624 acida, Chapm.
1625 æstivalis, Michx.
1626 araneosa, Leconte.
1627 Arizonica, Engelm.
1628 Berlandieri, Planch.
1629 Californica, Benth.
1630 candicans, Engelm.
1631 Caribæa, DC.
1632 cinerea, Engelm.
1633 cordifolia, Michx.
1634 var. fœtida, Engelm.
1635 Labrusca, L.
1636 palmata, Vahl.
1637 riparia, Michx.
1638 rotundifolia, Michx.
1639 rupestris, Scheele.
1640 sicyoides, Benth. & Hook.

## SAPINDACEÆ.

ACER 1493
1641 circinatum, Pursh.
1642 dasycarpum, Ehrh.
1643 glabrum, Torr.
1644 grandidentatum, Nutt.
1645 macrophyllum, Pursh.
1646 Pennsylvanicum, L.
1647 rubrum, L.
1648 var. Drummondii, Sargent.

1649 saccharinum, Wangenh.
1650 var. Floridanum, Chapm.
1651 var. nigrum, T. & G.
1652 spicatum, Lam.

ÆSCULUS [1491]
1653 arguta, Buckl.
1654 Californica, Nutt.
1655 flava, Ait.
1656 var. purpurascens, Gray.
1657 glabra, Willd.
1658 parviflora, Walt.
1659 Pavia, L.

CARDIOSPERMUM [1372]
1660 Halicacabum, L.
1661 var. microcarpum, Blume.
1662 molle, L.

DODONŒA [1471]
1663 viscosa, L.

GLOSSOPETALON [1305]
1664 spinescens, Gray.

HYPELATE [1473]
1665 paniculata, Cambess.
1666 trifoliata, Swartz.

NEGUNDO [1494]
1667 aceroides, Moench.
1668 Californicum, T. & G.

SAPINDUS [1384]
1669 acuminatus, Raf.
1670 Saponaria, L.

SERJANIA [1369]
1671 brachycarpa, Gray.
1672 incisa, Torr.
1673 racemosa, Schum.

STAPHYLEA [1499]
1674 Bolanderi, Gray.
1675 trifolia, L.

UNGNADIA [1484]
1676 speciosa, Endl.

URVILLEA [1371]
1677 Mexicana, Gray.

## ANACARDIACEÆ.

RHUS [1551]
1678 Canadensis, Marsh.
1679 var. mollis, Gray.
1680 var. simplicifolia, Greene.
1681 var. trilobata, Gray.
1682 copallina, L.
1683 var. leucantha, DC.
1684 cotinoides, Nutt.
1685 diversiloba, T. & G.
1686 glabra, L.
1687 integrifolia, Benth. & Hook.
1688 laurina, Nutt.
1689 Metopium, L.
1690 Mexicana, Gray.
1691 microphylla, Engelm.
1692 ovata, Watson.
1693 pumila, Michx.
1694 Toxicodendron, L.
1695 var. radicans, Torr.
1696 typhina, L.
1697 venenata, DC.
1698 virens, Lindh.

SCHINUS [1541]
1699 *molle, L.*

## LEGUMINOSÆ.

ACACIA [1997]
1700 amentacea, DC.
1701 Berlandieri, Benth.
1702 constricta, Benth.
1703 Emoryana, Benth.
1704 Farnesiana, Willd.
1705 filicina, Willd.
1706 Greggii, Gray.
1707 malacophylla, Benth.
1708 millefolia, Watson.
1709 Rœmeriana, Schlecht.
1710 Schottii, Torr.
1711 tortuosa, Willd.
1712 Wrightil, Benth.

ÆSCHYNOMENE [1750]
1713 hispida, Willd.
1714 viscidula, Michx.

ALBIZZIA [2000]
1715 *Julibrissin, Durazz.*

AMORPHA [1666]
1716 Californica, Nutt.
1717 canescens, Nutt.
1718 var. glabrata, Gray.
1719 var. leptostachya, Engelm.
1720 fruticosa, L.
1721 var. (?) angustifolia, Pursh.
1722 var. (?) Caroliniana, Watson.
1723 var. emarginata, Pursh.
1724 herbacea, Walt.
1725 lævigata, Nutt.
1726 microphylla, Pursh.
1727 paniculata, T. & G.

**AMPHICARPÆA** 1766
1728 monoica, Nutt.
1729 Pitcheri, T. & G.

**APIOS** 1796
1730 tuberosa, Moench.

**ASTRAGALUS** 1720
1731 aboriginum, Richards.
1732 accidens, Watson.
1733 acutirostris, Watson.
1734 adsurgens, Pall.
1735 albens, Greene.
1736 allochrous, Gray.
1737 alpinus, L.
1738 amphioxys, Gray.
1739 ampullarius, Watson.
1740 Andersonii, Gray.
1741 Antiselli, Gray.
1742 aridus, Gray.
1743 Arizonicus, Gray.
1744 arrectus, Gray.
1745 artipes, Gray.
1746 atratus, Watson.
1747 Austinæ, Gray.
1748 Beckwithii, T. & G.
1749 bicristatus, Gray.
1750 Bigelovii, Gray.
1751 bisulcatus, Gray.
1752 Bolanderi, Gray.
1753 Bourgovii, Gray.
1754 Brandegei, Porter.
1755 Brazoensis, Buckl.
1756 Breweri, Gray.
1757 cæspitosus, Gray.
1758 Californicus, Greene.
1759 calycosus, Torr.
1760 campestris, Gray.
1761 Canadensis, L.
1762 candicans, Greene.
1763 caryocarpus, Ker.
1764 Casei, Gray.
1765 castanæformis, Watson.
1766 Chamæleuce, Gray.
1767 Clevelandi, Greene.
1768 Cobrensis, Gray.
1769 collinus, Dougl.
1770 confertiflorus, Gray.
1771 Congdoni, Watson.
1772 conjunctus, Watson.
1773 Cooperi, Gray.
1774 Coulteri, Benth.
1775 Crotalariæ, Gray.
1776 var. virgatus, Gray.
1777 curtipes, Gray.
1778 Cusickii, Gray.
1779 debilis, Gray.
1780 decumbens, Gray.
1781 didymocarpus, Hook. & Arn.
1782 diphysus, Gray.
1783 dispermus, Gray.
1784 distortus, T. & G.
1785 diurnus, Watson.
1786 Douglasii, Gray.
1787 drepanolobus, Gray.
1788 Drummondii, Dougl.
1789 episcopus, Watson.
1790 eriocarpus, Watson.
1791 fallax, Watson.
1792 Fendleri, Gray.
1793 flavus, Nutt.
1794 var. candicans, Gray.
1795 flexuosus, Dougl.
1796 Forwoodii, Watson.
1797 frigidus, Gray.
1798 var. Americanus, Watson.
1799 var. littoralis, Watson.
1800 Geyeri, Gray.
1801 Gibbsii, Kellogg.
1802 giganteus, Watson.
1803 Gilensis, Greene.
1804 glaber, Michx.
1805 glabriusculus, Gray.
1806 var. major, Gray.
1807 glareosus, Dougl.
1808 gracilentus, Gray.
1809 gracilis, Nutt.
1810 grandiflorus, Watson.
1811 Grayi, Parry.
1812 Greenei, Gray.
1813 Hallii, Gray.
1814 Hartwegi, Benth.
1815 Haydenianus, Gray.
1816 Hendersoni, Watson.
1817 Hookerianus, Dietr.
1818 Hornii, Gray.
1819 Hosackiæ, Greene.
1820 Howellii, Gray.
1821 humillimus, Gray.
1822 humistratus, Gray.
1823 hypoglottis, L.

1824 hypoxylus, Watson.
1825 inflexus, Dougl.
1826 iodanthus, Watson.
1827 jejunus, Watson.
1828 junceus, Gray.
1829 Kentrophyta, Gray.
1830 var. elatus, Watson.
1831 lancearius, Gray.
1832 Layneæ, Greene.
1833 lectulus, Watson.
1834 Lemmoni, Gray.
1835 lentiformis, Gray.
1836 lentiginosus, Dougl.
1837 var. Fremonti, Watson.
1838 leptaleus, Gray.
1839 leptocarpus, T. & G.
1840 leucophyllus, T. & G.
1841 leucopsis, Torr.
1842 var. brachypus, Greene.
1843 Lindheimeri, Gray.
1844 lonchocarpus, Torr.
1845 lotiflorus, Hook.
1846 var. brachypus, Gray.
1847 Lyallii, Gray.
1848 macrodon, Gray.
1849 malacus, Gray.
1850 Matthewsii, Watson.
1851 megacarpus, Gray.
1852 var. Parryi, Gray.
1853 Menziesii, Gray.
1854 Mexicanus, DC.
1855 microcystis, Gray.
1856 Miguelensis, Greene.
1857 misellus, Watson.
1858 miser, Dougl.
1859 Missouriensis, Nutt.
1860 Mogollonicus, Greene.
1861 Mohavensis, Watson.
1862 Mokiacensis, Gray.
1863 mollissimus, Torr.
1864 Mortoni, Nutt.
1865 multiflorus, Gray.
1866 Nevinii, Gray.
1867 Newberryi, Gray.
1868 nigrescens, Nutt.
1869 nothoxys, Gray.
1870 nudus, Watson.
1871 Nuttallianus, DC.
1872 var. canescens, T. & G.
1873 var. trichocarpus, T. & G.
1874 obcordatus, Ell.
1875 obscurus, Watson.
1876 oocarpus, Gray.
1877 oophorus, Watson.
1878 Oreganus, Nutt.
1879 oroboides, Hornem., var. Americanus, Gray.
1880 oxyphysus, Gray.
1881 pachypus, Greene.
1882 Palliseri, Gray.
1883 Palmeri, Gray.
1884 Parishii, Gray.
1885 Parryi, Gray.
1886 Pattersoni, Gray.
1887 pauciflorus, Hook.
1888 pectinatus, Dougl.
1889 pictus, Gray.
1890 var. filifolius, Gray.
1891 Plattensis, Nutt.
1892 var. Tennesseensis, Gray.
1893 platytropis, Gray.
1894 polaris, Benth.
1895 porrectus, Watson.
1896 Preusii, Gray.
1897 var. laxiflorus, Gray.
1898 procerus, Gray.
1899 procumbens, Watson.
1900 pterocarpus, Watson.
1901 pubentissimus, T. & G.
1902 Pulsiferæ, Gray.
1903 Purshii, Dougl.
1904 pycnostachyus, Gray.
1905 racemosus, Pursh.
1906 Rattani, Gray.
1907 reflexus, T. & G.
1908 reventus, Gray.
1909 Reverchoni, Gray.
1910 Robbinsii, Gray.
1911 var. occidentalis, Watson.
1912 Rusbyi, Greene.
1913 sabulonum, Gray.
1914 scaposus, Gray.
1915 sclerocarpus, Gray.
1916 scopulorum, Porter.
1917 sericoleucus, Gray.
1918 serotinus, Gray.
1919 sesquiflorus, Watson.
1920 Shortianus, Nutt.

1921 simplicifolius, Gray.
1922 Sonoræ, Gray.
1923 Spaldingii, Gray.
1924 sparsiflorus, Gray.
1925 var. majusculus, Gray.
1926 speirocarpus, Gray.
1927 var. falciformis, Gray.
1928 stenophyllus, T. & G.
1929 subcinereus, Gray.
1930 succumbens. Dougl.
1931 sylvaticus, Howell.
1932 tegetarius, Watson.
1933 var. implexus, Canby.
1934 tener, Gray.
1935 tephrodes, Gray.
1936 terminalis, Watson.
1937 tetrapterus, Gray.
1938 Thompsonæ, Watson.
1939 Thurberi, Gray.
1940 tricarinatus, Gray.
1941 trichopodus, Gray.
1942 tridactylicus, Gray.
1943 triflorus, Gray.
1944 triphyllus, Pursh.
1945 triquetrus, Gray.
1946 troglodytus, Watson.
1947 Tweedyi, Canby.
1948 ursinus, Gray.
1949 Utahensis, T. & G.
1950 Vaseyi, Watson.
1951 ventorum, Gray.
1952 villosus, Michx.
1953 Wardi, Gray.
1954 Webberi, Gray.
1955 Whitneyi, Gray.
1956 Wingatanus, Watson.
1957 Wrightii, Gray.

**BAPTISIA** 1582

1958 alba, R. Br.
1959 australis, R. Br.
1960 var. minor, T. & G.
1961 calycosa, Canby.
1962 var. villosa, Canby.
1963 lanceolata, Ell.
1964 var. uniflora, T. & G.
1965 Lecontei, T. & G.
1966 leucantha, T. & G.
1967 leucophæa, Nutt.
1968 var. lævicaulis, Gray.
1969 megacarpa, Chapm.
1970 microphylla, Nutt.
1971 var. axillaris, Canby.
1972 perfoliata, R. Br.
1973 var. lobata, Canby.
1974 Serenæ, Curtis.
1975 simplicifolia, Croom.
1976 sphærocarpa, Nutt.
1977 sulphurea, Engelm.
1978 tinctoria, R. Br.
1979 villosa, Ell.

**BRONGNIARTIA** 1674

1980 minutifolia, Watson.

**CÆSALPINIA** 1910

1981 Bonduc, Benth. & Hook.
1982 pauciflora, Benth. & Hook.
1983 *pulcherrima*, *Swartz.*

**CALLIANDRA** 1999

1984 conferta, Benth.
1985 eriophylla, Benth.
1986 humilis, Benth.
1987 reticulata, Gray.
1988 Schottii, Torr.

**CANAVALIA** 1811

1989 altissima, Macf.
1990 obtusifolia, DC.

**CASSIA** 1929

1991 acutifolia, Gray.
1992 armata, Watson.
1993 Bahamensis, Mill.
1994 bauhinioides, Gray.
1995 biflora, L.
1996 calycioides, DC.
1997 Chamæcrista, L.
1998 var. cinerea, T. & G.
1999 Covesii, Gray.
2000 grammica, Spreng.
2001 Greggii, Gray.
2002 leptocarpa, Benth.
2003 ligustrina, L.
2004 Lindheimeriana, Scheele.
2005 Marilandica, L.
2006 nictitans, L.
2007 var. aspera, T. & G.
2008 *occidentalis*, *L.*
2009 procumbens, L.
2010 pumilio, Gray.
2011 Rœmeriana, Scheele.
2012 Tora, L.
2013 Wislizeni, Gray.

2014 Wrightii, Gray.
CENTROSEMA 1781
2015 *Plumieri, Benth.*
2016 Virginianum, Benth.
2017 var. angustifolium, Griseb.
CERCIS 1938
2018 Canadensis, L.
2019 occidentalis, Torr.
2020 reniformis, Engelm.
CHAPMANIA 1756
2021 Floridana, T. & G.
CICER 1775
2022 *arietinum, L.*
CLADRASTIS 1866
2023 tinctoria, Raf.
CLITORIA 1783
2024 Mariana, L.
COLOGANIA 1784
2025 angustifolia, Kunth.
2026 Lemmoni, Gray.
2027 longifolia, Gray.
2028 pulchella, HBK.
CORONILLA 1730
2029 *varia, L.*
COURSETIA 1701
2030 axillaris, Coulter & Rose.
2031 glandulosa, Gray.
CRACCA 1702
2032 Edwardsii, Gray.
2033 sericea, Gray.
2034 var. glabella, Gray.
CROTALARIA 1632
2035 incana, L.
2036 lupulina, Raf.
2037 maritima, Chapm.
2038 ovalis, Pursh.
2039 Pringlei, Gray.
2040 pumila, Orteg.
2041 Purshii, DC.
2042 retusa, L.
2043 sagittalis, L.
CYTISUS 1645
2044 *scoparius, Link.*
DALEA 1667
2045 albiflora, Gray.
2046 alopecuroides, Willd.
2047 amœna, Watson.
2048 arborescens, Torr.
2049 argyræa, Gray.
2050 aurea, Nutt.
2051 brachystachys, Gray.
2052 Californica, Watson.
2053 calycosa, Gray.
2054 Domingensis, DC.
2055 Emoryi, Gray.
2056 filiformis, Gray.
2057 formosa, Torr.
2058 Fremontii, Torr.
2059 frutescens, Gray.
2060 Greggii, Gray.
2061 Hallii, Gray.
2062 Jamesii, T. & G.
2063 Johnsoni, Watson.
2064 Kingii, Watson.
2065 lachnostachya, Gray.
2066 lævigata, Gray.
2067 lanata, Spreng.
2068 lasiathera, Gray.
2069 laxiflora, Pursh.
2070 Lemmoni, Parry.
2071 mollis, Benth.
2072 var. Neo-Mexicana, Gray.
2073 nana, Torr.
2074 Ordiæ, Gray.
2075 Parryi, T. & G.
2076 pogonathera, Gray.
2077 polyadenia, Torr.
2078 var. (?) subnuda, Watson.
2079 polygonoides, Gray.
2080 Pringlei, Gray.
2081 pulchella, Moric.
2082 ramosissima, Benth.
2083 rubescens, Watson.
2084 scariosa, Watson.
2085 Schottii, Torr.
2086 scoparia, Gray.
2087 spinosa, Gray.
2088 Wislizeni, Gray.
2089 var. sessilis, Gray.
2090 Wrightii, Gray.
DAUBENTONIA (1704)
2091 punicea, DC.
DESMANTHUS 1993
2092 acuminatus, Benth.
2093 brachylobus, Benth.
2094 var. glandulosus, Engelm. & Gray.
2095 depressus, Humb. & Bonpl.
2096 Jamesii, T. & G.
2097 var. Fendleri, Watson.
2098 leptolobus, T. & G.
2099 obtusus, Watson.

2100 reticulatus, Benth.
2101 velutinus, Scheele.
2102 virgatus, Willd.

**DESMODIUM** 1761

2103 acuminatum, DC.
2104 Arizonicum, Watson.
2105 batocaulon, Gray.
2106 Canadense, DC.
2107 var. longifolium, T. & G.
2108 canescens, DC.
2109 var. villosissimum, T. & G.
2110 ciliare, DC.
2111 cinerascens, Gray.
2112 cuspidatum, T. & G.
2113 Dillenii, Darlington.
2114 Floridanum, Chapm.
2115 glabellum, DC.
2116 Grahami, Gray.
2117 gramineum, Gray.
2118 humifusum, Beck.
2119 Illinoense, Gray.
2120 incanum, DC.
2121 lævigatum, DC.
2122 Lindheimeri, Vail.
2123 lineatum, DC.
2124 Marilandicum, F. Boott.
2125 Neo-Mexicanum, Gray.
2126 var. Bigelovii, Watson.
2127 nudiflorum, DC.
2128 ochroleucum, Curtis.
2129 paniculatum, DC.
2130 var. angustifolium, T. & G.
2131 var. pubens, T. & G.
2132 pauciflorum, DC.
2133 psilocarpum, Gray.
2134 rigidum, DC.
2135 rotundifolium, DC.
2136 var. glabratum, Gray.
2137 sessilifolium, T. & G.
2138 spirale, DC.
2139 strictum, DC.
2140 tenuifolium, T. & G.
2141 triflorum, DC.
2142 tortuosum, DC.
2143 Tweedyi, Britton.
2144 uncinatum, DC.
2145 viridiflorum, Beck.
2146 Wrightii, Gray.

**DIOCLEA** 1808

2147 *Boykinii, Gray.*

**DOLICHOS** 1819

2148 *Lablab, L.*

**ECASTAPHYLLUM** 1830

2149 Brownei, Pers.

**ERVUM** (1776)

2150 *Lens, L.*

**ERYTHRINA** 1793

2151 Corallodendron, L.
2152 coralloides, Moc. & Sesse.
2153 herbacea, L.

**EYSENHARDTIA** 1865

2154 amorphoides, HBK.
2155 orthocarpa, Watson.
2156 spinosa, Engelm.

**GALACTIA** 1804

2157 brachypoda, T. & G.
2158 canescens, Benth.
2159 Cubensis, HBK.
2160 Elliottii, Nutt.
2161 filiformis, Benth.
2162 Floridana, T. & G.
2163 var. microphylla, Chapm.
2164 glabella, Michx.
2165 heterophylla, Gray.
2166 marginalis, Benth.
2167 mollis, Michx.
2168 pilosa, Ell.
2169 var. angustifolia, T. & G.
2170 var. Macræi, T. & G.
2171 sessiliflora, T. & G.
2172 spiciformis, T. & G.
2173 tephrodes, Gray.
2174 Texana, Gray.
2175 Wrightii, Gray.

**GENISTA** 1641

2176 *tinctoria, L.*

**GLEDITSCHIA** 1915

2177 aquatica, Marsh.
2178 triacanthos, L.
2179 var. brachycarpos, Michx.
2180 var. inermis, Pursh.

**GLYCYRRHIZA** 1725

2181 lepidota, Nutt.
2182 var. glutinosa, Watson.

**GYMNOCLADUS** 1914

2183 Canadensis, Lam.

**HEDYSARUM** 1734

2184 boreale, Nutt.
2185 Mackenzii, Richards.

**HOFFMANSEGGIA** 1911

2186 brachycarpa, Gray.

2187 caudata, Gray.
2188 drepanocarpa, Gray.
2189 Drummondii, T. & G.
2190 Jamesii, T. & G.
2191 melanosticta, Gray.
2192 microphylla, Torr.
2193 oxycarpa, Benth.
2194 stricta, Benth.
2195 var. demissa, Gray.

HOSACKIA 1661

2196 angustifolia, Don.
2197 argophylla, Gray.
2198 var. Fremonti, Gray.
2199 bicolor, Dougl.
2200 brachycarpa, Benth.
2201 crassifolia, Benth.
2202 cytisoides, Benth.
2203 decumbens, Benth.
2204 var. Nevadensis, Watson.
2205 dendroidea, (Greene)
2206 denticulata, Drew.
2207 glabra, Torr.
2208 var. diffusus, Gray.
2209 gracilis, Benth.
2210 grandiflora, Benth.
2211 Heermanni, Dur. & Hilg.
2212 incana, Torr.
2213 juncea, Benth.
2214 macrantha, Greene.
2215 maritima, Nutt.
2216 Mearnsii, Britton.
2217 micrantha, Nutt.
2218 mollis, Greene.
2219 nana, Watson.
2220 nivea, (Greene)
2221 nudata, (Greene)
2222 oblongifolia, Benth.
2223 var. angustifolia, Watson.
2224 (?) occulta, Greene.
2225 parviflora, Benth.
2226 patens, (Greene)
2227 procumbens, Greene.
2228 prostrata, Nutt.
2229 puberula, Benth.
2230 Purshiana, Benth.
2231 rigida, Benth.
2232 sericea, Benth.
2233 stipularis, Benth.
2234 strigosa, Nutt.
2235 subpinnata, T. & G.
2236 tomentosa, Hook. & Arn.
2237 Torreyi, Gray.
2238 var. Nevadensis, Gray.
2239 Wrightii, Gray.

INDIGOFERA 1672

2240 *Anil*, L.
2241 Caroliniana, Walt.
2242 leptosepala, Nutt.
2243 Lindheimeriana, Scheele.
2244 sphærocarpa, Gray.
2245 subulata, Vahl.
2246 *tinctoria*, L.

LATHYRUS 1773

2247 albus, Watson.
2248 Arizonicus, Britton.
2249 Bolanderi, Watson.
2250 Californicus, Watson.
2251 cinctus, Watson.
2252 Cusickii, Watson.
2253 Engelmanni, Bischof.
2254 littoralis, Endl.
2255 maritimus, Bigel.
2256 Nevadensis, Watson.
2257 Nuttallii, Watson.
2258 ochroleucus, Hook.
2259 ornatus, Nutt.
2260 palustris, L.
2261 var. angustifolius, Gray.
2262 var. (?) graminifolius, Wats.
2263 var. myrtifolius, Gray.
2264 polymorphus, Nutt.
2265 polyphyllus, Nutt.
2266 *pratensis*, L.
2267 pusillus, Ell.
2268 splendens, Kellogg.
2269 sulphureus, Brewer.
2270 Torreyi, Gray.
2271 venosus, Muhl.
2272 vestitus, Nutt.

LESPEDEZA 1774

2273 angustifolia, Ell.
2274 capitata, Michx.
2275 var. longifolia, T. & G.
2276 var. sericea, Hook.
2277 leptostachya, Engelm.
2278 polystachya, Michx.
2279 procumbens, Michx.
2280 reticulata, Pers.

2281 *striata*, Hook. & Arn.
2282 Stuvei, Nutt.
2283 var. intermedia, Watson.
2284 violacea, Pers.

LEUCÆNA 1996

2285 glauca, Benth.
2286 pulverulenta, Benth.
2287 retusa, Benth.

LUPINUS 1635

2288 adsurgens, Drew.
2289 affinis, Agardh.
2290 albicaulis, Dougl.
2291 var. Bridgesii, Watson.
2292 Andersoni, Watson.
2293 var. (?) Grayi, Watson.
2294 arboreus, Sims.
2295 arcticus, Watson.
2296 argenteus, Pursh.
2297 var. argophyllus, Watson.
2298 var. decumbens, Watson.
2299 aridus, Dougl.
2300 var. Lobbii, Watson.
2301 var. Utahensis, Watson.
2302 Arizonicus, Watson.
2303 barbiger, Watson.
2304 brevicaulis, Watson.
2305 Breweri, Gray.
2306 Burkei, Watson.
2307 cæspitosus, Nutt.
2308 calcaratus, Kellogg.
2309 capitatus, Greene.
2310 carnosulus, Greene.
2311 Chamissonis, Esch.
2312 var. longebracteatus, Wats.
2313 var. longifolius, Watson.
2314 citrinus, Kellogg.
2315 concinnus, Agardh.
2316 confertus, Kellogg.
2317 Cusickii, Watson.
2318 densiflorus, Benth.
2319 diffusus, Nutt.
2320 Douglasii, Agardh.
2321 flexuosus, Lindl.
2322 gracilis, Agardh.
2323 Grayi, Watson.
2324 Havardi, Watson.
2325 hirsutissimus, Benth.
2326 holosericeus, Nutt.
2327 var. Utahensis, Watson.
2328 Kingii, Watson.
2329 laxiflorus, Dougl.
2330 lepidus, Dougl.
2331 leptophyllus, Benth.
2332 leucophyllus, Dougl.
2333 ligulatus, Greene.
2334 littoralis, Dougl.
2335 Ludovicianus, Greene.
2336 luteolus, Kellogg.
2337 Lyallii, Gray.
2338 var. Danaus, Watson.
2339 malacophyllus, Greene.
2340 meionanthus, Gray.
2341 micranthus, Dougl.
2342 var. bicolor, Watson.
2343 var. microphyllus, Watson.
2344 microcarpus, Sims.
2345 minimus, Dougl.
2346 nanus, Dougl.
2347 Nootkatensis, Donn.
2348 var. Unalaskensis, Watson.
2349 Nuttallii, Watson.
2350 onustus, Watson.
2351 ornatus, Dougl.
2352 pachylobus, Greene.
2353 Palmeri, Watson.
2354 parviflorus, Nutt.
2355 perennis, L.
2356 var. occidentalis, Watson.
2357 Plattensis, Watson.
2358 polycarpus, Greene.
2359 polyphyllus, Lindl.
2360 pusillus, Pursh.
2361 rivularis, Dougl.
2362 var. latifolius, Watson.
2363 Sabinii, Dougl.
2364 sericeus, Pursh.
2365 Shockleyi, Watson.
2366 Sitgreavesii, Watson.
2367 sparsiflorus, Benth.
2368 Stiversi, Kellogg.
2369 subcarnosus, Hook.
2370 sulphureus, Dougl.
2371 sylvestris, Drew.
2372 trifidus, Torr.
2373 truncatus, Nutt.
2374 umbellatus, Greene.
2375 uncialis, Watson.
2376 villosus, Willd.
2377 Wyethii, Watson.

**LYSILOMA** 1998
2378 latisiliqua, Benth.
**MEDICAGO** 1651
2379 *denticulata*, *Willd.*
2380 *intertexta*, *Willd.*
2381 *lupulina*, *L.*
2382 *maculata*, *Willd.*
2383 *nigra*, *Willd.*
2384 *sativa*, *L.*
**MELILOTUS** 1652
2385 *alba*, *Lam.*
2386 *Indica*, *All.*
2387 *officinalis*, *Willd.*
**MIMOSA** 1994
2388 acanthocarpa, Benth.
2389 Berlandieri, Gray.
2390 biuncifera, Benth.
2391 borealis, Gray.
2392 var. (?) Texana, Gray.
2393 dysocarpa, Benth.
2394 Emoryana, Benth.
2395 flexuosa, Benth.
2396 fragrans, Gray.
2397 Grahami, Gray.
2398 Lemmoni, Gray.
2399 Lindheimeri, Gray.
2400 malacophylla, Gray.
2401 var. glabrata, Benth.
2402 *pudica*, *L.*
2403 strigillosa, T. & G.
2404 Wrightii, Gray.
2405 zygophylla, Benth.
**NEPTUNIA** 1992
2406 lutea, Benth.
2407 oleracea, Lour.
2408 pubescens, Benth.
2409 tenuis, Benth.
**NISSOLIA** 1741
2410 Schottii, Gray.
2411 Wislizeni, Gray.
**OLNEYA** 1696
2412 Tesota, Gray.
**OXYTROPIS** 1722
2413 arctica, R. Br.
2414 campestris, DC., var. cærulea, Koch.
2415 deflexa, DC.
2416 Lagopus, Nutt.
2417 Lamberti, Pursh.
2418 var. Bigelovii, Gray.
2419 var. sericea, Gray.
2420 leucantha, Pers.
2421 Mertensiana, Turcz.
2422 monticola, Gray.
2423 multiceps, Nutt.
2424 var. minor, Gray.
2425 nana, Nutt.
2426 nigrescens, Fisch.
2427 var. arctobia, Gray.
2428 oreophila, Gray.
2429 Parryi, Gray.
2430 podocarpa, Gray.
2431 splendens, Dougl.
2432 var. Richardsoni, Hook.
2433 viscida, Nutt.
**PARKINSONIA** 1923
2434 aculeata, L.
2435 florida, Watson.
2436 microphylla, Torr.
2437 Texana, Watson.
2438 Torreyana, Watson.
**PARRYELLA** 1668
2439 filifolia, T. & G.
**PETALOSTEMON** 1670
2440 candidus, Michx.
2441 var. multifoliatus, Gray.
2442 carneus, Michx.
2443 corymbosus, Michx.
2444 decumbens, Nutt.
2445 emarginatus, T. & G.
2446 exilis, Gray.
2447 Feayi, Chapm.
2448 flavescens, Watson.
2449 foliosus, Gray.
2450 gracilis, Nutt.
2451 var. oligophyllus, Torr.
2452 griseus, T. & G.
2453 luteolus, Watson.
2454 macrostachyus, Torr.
2455 multiflorus, Nutt.
2456 obovatus, T. & G.
2457 ornatus, Dougl.
2458 phleoides, T. & G.
2459 var. microphyllus, Engelm.
2460 Reverchoni, Watson.
2461 roseum, Nutt.
2462 Sabinalis, Watson.
2463 Searlsiæ, Gray.
2464 tenuifolius, Gray.
2465 villosus, Nutt.

2466 violaceus, Michx.
2467 var. pubescens, Gray.
2468 var. tenuis, Coulter.

**PETERIA** 1676

2469 scoparia, Gray.
2470 Thompsonæ, Watson.

**PHASEOLUS** 1813

2471 acutifolius, Gray.
2472 angustissimus, Gray.
2473 atropurpureus, Moc.
2474 macropoides, Gray.
2475 perennis, Walt.
2476 retusus, Benth.
2477 rotundifolius, Gray.
2478 sinuatus, Nutt.
2479 Wrightii, Gray.

**PICKERINGIA** 1583

2480 montana, Nutt.

**PISCIDIA** 1848

2481 Erythrina, L.

**PITHECOLOBIUM** 2001

2482 brevifolium, Benth.
2483 Texense, Coulter.
2484 Unguis-Cati, Benth.

**PROSOPIS** 1939

2485 cinerascens, Benth.
2486 juliflora, DC.
2487 pubescens, Benth.

**PSORALEA** 1662

2488 argophylla, Pursh.
2489 var. decumbens, Gray.
2490 Californica, Watson.
2491 campestris, Nutt.
2492 canescens, Michx.
2493 castorea, Watson.
2494 cuspidata, Pursh.
2495 cyphocalyx, Gray.
2496 digitata, Nutt.
2497 esculenta, Pursh.
2498 hypogæa, Nutt.
2499 var. scaposa, Gray.
2500 lanceolata, Pursh.
2501 linearifolia, T. & G.
2502 var. robusta, Coulter.
2503 Lupinellus, Michx.
2504 macrostachya, DC.
2505 melilotoides, Michx.
2506 mephitica, Watson.
2507 micrantha, Gray.
2508 multijuga, Ell.
2509 Onobrychis, Nutt.
2510 orbicularis, Lindl.
2511 physodes, Dougl.
2512 Reverchoni, Watson.
2513 rhombifolia, T. & G.
2514 simplex, Nutt.
2515 stipulata, T. & G.
2516 strobilina, Hook. & Arn.
2517 subacaulis, T. & G.
2518 tenuiflora, Pursh.
2519 var. obtusiloba, Watson.
2520 virgata, Nutt.

**RHYNCHOSIA** 1825

2521 Caribæa, DC.
2522 erecta, DC.
2523 galactioides, Endl.
2524 latifolia, Nutt.
2525 menispermoidea, DC.
2526 minima, DC.
2527 mollissima, Shuttlw.
2528 parvifolia, DC.
2529 reniformis, DC.
2530 Texana, T. & G.
2531 var. angustifolia, Gray.
2532 tomentosa, Hook. & Arn.

**ROBINIA** 1691

2533 hispida, L.
2534 var. Elliottii, Chapm.
2535 var. macrophylla, DC.
2536 var. nana, Ell.
2537 var. rosea, Pursh.
2538 Neo-Mexicana, Gray.
2539 Pseudacacia, L.
2540 var. Decaisneana, Carriere.
2541 viscosa, Vent.

**SCHRANKIA** 1995

2542 aculeata, Willd.
2543 angustata, T. & G.
2544 var. brachycarpa, Chapm.
2545 platycarpa, Gray.
2546 uncinata, Willd.

**SESBANIA** 1704

2547 Cavanillesii, Watson.
2548 *grandiflora*, *Poir.*
2549 macrocarpa, Muhl.
2550 (?) Thurberi, Watson.
2551 vesicaria, Ell.

**SOPHORA** 1871

2552 affinis, T. & G.
2553 Arizonica, Watson.
2554 secundiflora, Lag.

2555 sericea, Nutt.
2556 stenophylla, Gray.
2557 tomentosa, L.

STROPHOSTYLES (1813)

2558 angulosa, Ell.
2559 var. Missouriensis, Watson.
2560 pauciflorus, Watson.
2561 peduncularis, Ell.

STYLOSANTHES 1757

2562 elatior, Swartz.

TEPHROSIA 1682

2563 ambigua, Chapm.
2564 angustissima, Shuttlw.
2565 chrysophylla, Pursh.
2566 hispidula, Pers.
2567 leiocarpa, Gray.
2568 leptostachya, DC.
2569 leucantha, HBK.
2570 Lindheimeri, Gray.
2571 onobrychoides, Nutt.
2572 spicata, T. & G.
2573 tenella, Gray.
2574 Virginiana, Pers.
2575 var. holosericea, T. & G.

THERMOPSIS 1581

2576 Californica, Watson.
2577 Caroliniana, Curtis.
2578 fraxinifolia, Curtis.
2579 macrophylla, Hook. & Arn.
2580 mollis, Curtis.
2581 montana, Nutt.
2582 rhombifolia, Nutt.

TRIFOLIUM 1653

2583 *agrarium*, *L.*
2584 altissimum, Dougl.
2585 amphianthum, T. & G.
2586 Andersoni, Gray.
2587 andinum, Nutt.
2588 *arvense*, *L.*
2589 barbigerum, Torr.
2590 var. Andrewsii, Gray.
2591 Beckwithii, Brewer.
2592 Bejariense, Moric.
2593 bifidum, Gray.
2594 Bolanderi, Gray.
2595 Brandegei, Watson.
2596 Breweri, Watson.
2597 Carolinianum, Michx.
2598 Catalinæ, Watson.
2599 ciliatum, Nutt.
2600 columbinum, Greene.
2601 cyathiferum, Lindl.
2602 dasyphyllum, T. & G.
2603 depauperatum, Desv.
2604 var. amplectens, Watson.
2605 eriocephalum, Nutt.
2606 exile, Greene.
2607 filipes, Greene.
2608 fucatum, Lindl.
2609 gracilentum, T. & G.
2610 gymnocarpon, Nutt.
2611 Harneyensis, Howell.
2612 Howellii, Watson.
2613 *hybridum*, *L.*
2614 involucratum, Willd.
2615 var. heterodon, Watson.
2616 Kingii, Watson.
2617 laciniatum, Greene.
2618 Lemmoni, Watson.
2619 longipes, Nutt.
2620 var. (?) brachypus, Watson.
2621 var. (?) latifolium, Hook.
2622 Macræi, Hook. & Arn.
2623 var. dichotomum, Brewer.
2624 *medium*, *L.*
2625 megacephalum, Nutt.
2626 microcephalum, Pursh.
2627 microdon, Hook. & Arn.
2628 monanthum, Gray.
2629 nanum, Torr.
2630 olivaceum, Greene.
2631 Palmeri, Watson.
2632 Parryi, Gray.
2633 pauciflorum, Nutt.
2634 Plummeræ, Watson.
2635 plumosum, Dougl.
2636 *pratense*, *L.*
2637 *procumbens*, *L.*
2638 *var. minus*, *Gray.*
2639 quercetorum, Greene.
2640 reflexum, L.
2641 repens, L.
2642 Rusbyi, Greene.
2643 scabrellum, Greene.
2644 stoloniferum, Muhl.
2645 tridentatum, Lindl.
2646 var. melananthum, Watson.
2647 var. obtusiflorum, Watson.
2648 triflorum, Greene.

VICIA 1776
2649 acutifolia, Ell.
2650 Americana, Muhl.
2651 var. linearis, Watson.
2652 var. truncata, Brewer.
2653 Caroliniana, Walt.
2654 Cracca, L.
2655 exigua, Nutt.
2656 Floridana, Watson.
2657 gigantea, Hook.
2658 Hassei, Watson.
2659 *hirsuta, Koch.*
2660 Leavenworthii, T. & G.
2661 leucophæa, Greene.
2662 Ludoviciana, Nutt.
2663 micrantha, Nutt.
2664 pulchella, HBK.
2665 Reverchoni, Watson.
2666 *sativa, L.*
2667 *var. angustifolia, Seringe.*
2668 *tetrasperma, L.*
2669 Thurberi, Watson.

VIGNA 1815
2670 luteola, Benth.
2671 var. angustifolia, Watson.

WISTARIA 1689
2672 frutescens, Poir.
2673 var. macrostachya, T. & G.

ZORNIA 1759
2674 diphylla, Pers., var. reticulata, Benth.
2675 tetraphylla, Michx.

## ROSACEÆ.

ACÆNA 2065
2676 trifida, Ruiz & Pav.

ADENOSTOMA 2033
2677 fasciculatum, Hook. & Arn.
2678 var. obtusifolium, Watson.
2679 sparsifolium, Torr.

AGRIMONIA 2062
2680 Eupatoria, L.
2681 var. parviflora, Hook.
2682 incisa, T. & G.
2683 parviflora, Ait.

ALCHEMILLA 2058
2684 alpina, L.
2685 *arvensis, Scop.*
2686 vulgaris, L.

AMELANCHIER 2083
2687 alnifolia, Nutt.
2688 Canadensis, T. & G.
2689 var. (?) oblongifolia, T. & G.
2690 var. rotundifolia, T. & G.
2691 oligocarpa, Roem.

ARUNCUS (2025)
2692 sylvestris, Kost., var. Americana, Maxim.

CERCOCARPUS 2047
2693 breviflorus, Gray.
2694 intricatus, Watson.
2695 ledifolius, Nutt.
2696 parvifolius, Nutt.
2697 var. glaber, Watson.

CHAMÆBATIA 2046
2698 foliolosa, Benth.

CHAMÆBATIARIA (2025)
2699 Millefolium, Maxim.

CHAMÆRHODOS 2057
2700 erecta, Bunge.
2701 var. Nuttallii, T. & G.

CHRYSOBALANUS 2007
2702 Icaco, L.
2703 oblongifolius, Michx.

COLEOGYNE 2045
2704 ramosissima, Torr.

COWANIA 2048
2705 ericæfolia, Torr.
2706 Mexicana, D. Don.
2707 plicata, D. Don.

CRATÆGUS 2076
2708 æstivalis, T. & G.
2709 apiifolia, Michx.
2710 berberifolia, T. & G.
2711 brachyacantha, Sarg. & Eng.
2712 coccinea, L.
2713 var. macracantha, Dudley.
2714 var. mollis, T. & G.
2715 var. oligandra, T. & G.
2716 var. populifolia, T. & G.
2717 cordata, Ait.
2718 Crus-galli, L.
2719 var. linearis, DC.
2720 var. ovalifolia, Lindl.
2721 var. prunifolia, T. & G.
2722 var. pyracanthifolia, Ait.
2723 Douglasii, Lindl.
2724 flava, Ait.
2725 var. pubescens, Gray.
2726 *Oxyacantha, L.*
2727 parvifolia, Ait.

2728 punctata, Jacq.
2729 *Pyracantha*, *Pers.*
2730 rivularis, Nutt.
2731 spathulata, Michx.
2732 tomentosa, L.
2733 var. pyrifolia, Gray.
2734 viridis, L.

DALIBARDA 2043

2735 repens, L.

DRYAS 2049

2736 octopetala, L.
2737 var. Drummondii, Watson.
2738 var. integrifolia, Ch. & Schl.

ERIOGYNIA 2024

2739 cæspitosa, Watson.
2740 Hendersoni, Canby.
2741 pectinata, Hook.
2742 uniflora, Watson.

FALLUGIA 2050

2743 paradoxa, Endl.

FILIPENDULA (2025)

2744 lobata, Maxim.
2745 occidentalis, Watson.

FRAGARIA 2054

2746 Californica, Cham. & Schl.
2747 Chilensis, Duchesne.
2748 var. Scouleri, Hook.
2749 *Indica*, *L.*
2750 vesca, L.
2751 var. Americana, Porter.
2752 Virginiana, Mill.
2753 var. glauca, Watson.
2754 var. Illinoensis, Gray.

GEUM 2051

2755 album, Gmel.
2756 var. flavum, Porter.
2757 anemonoides, Willd.
2758 calthifolium, Menzies.
2759 var. congestum, T. & G.
2760 var. rotundifolium, T. & G.
2761 geniculatum, Michx.
2762 glaciale, Fisch.
2763 macrophyllum, Willd.
2764 radiatum, Michx.
2765 var. Peckii, Gray.
2766 rivale, L.
2767 Rossii, Seringe.
2768 var. humile, T. & G.
2769 strictum, Ait.
2770 triflorum, Pursh.
2771 urbanum, L., subsp. Oregonense, Scheutz.
2772 vernum, T. & G.
2773 Virginianum, L.

GILLENIA 2029

2774 stipulacea, Nutt.
2775 trifoliata, Moench.

HETEROMELES (2078)

2776 arbutifolia, Roem.

HORKELIA (2055)

2777 Bolanderi, Gray.
2778 var. Parryi, Watson.
2779 Californica, Cham. & Schl.
2780 var. cuneata, Gray.
2781 var. sericea, Gray.
2782 capitata, Lindl.
2783 congesta, Dougl.
2784 var. latiloba, Watson.
2785 var. lobata, Lemmon.
2786 daucifolia, (Greene)
2787 frondosa, (Greene)
2788 fusca, Lindl.
2789 var. tenella, Watson.
2790 Hendersoni, Howell.
2791 laxiflora, (Drew)
2792 purpurascens, Watson.
2793 saxosa, (Greene)
2794 sericata, Watson.
2795 tenuiloba, Gray.
2796 tridentata, Torr.

IVESIA (2055)

2797 Baileyi, Watson.
2798 var. setosa, Watson.
2799 ciliata, (Greene)
2800 depauperata, Gray.
2801 Gordoni, T. & G.
2802 var. lycopodioides, Watson.
2803 var. pygmæa, Watson.
2804 gracilis, T. & G.
2805 Kingii, Watson.
2806 Lemmoni, Watson.
2807 Muirii, Gray.
2808 Pickeringii, Torr.
2809 pinnatifida, Watson.
2810 santolinoides, Gray.
2811 Shockleyi, Watson.
2812 unguiculata, Gray.
2813 Utahensis, Watson.
2814 Webberi, Gray.

**NEVIUSIA** 2022
2815 Alabamensis, Gray.
**NUTTALLIA** 2023
2816 cerasiformis, T. & G.
**PERAPHYLLUM** (2023)
2817 ramosissimum, Nutt.
**PHYSOCARPUS** (2026)
2818 opulifolius, Maxim.
2819 Torreyi, Maxim.
**POTENTILLA** 2055
2820 Anserina, L.
2821 var. grandis, Lehm.
2822 var. Grœnlandica, Tratt.
2823 argentea, L.
2824 arguta, Pursh.
2825 var. ferruginea, Lehm.
2826 biflora, Willd.
2827 brevifolia, Nutt.
2828 Breweri, Watson.
2829 var. expansa, Watson.
2830 Canadensis, L.
2831 var. simplex, T. & G.
2832 Clevelandi, Greene.
2833 crinita, Gray.
2834 dissecta, Pursh.
2835 var. (?) decurrens, Watson.
2836 var. glaucophylla, Lehm.
2837 var. multisecta, Watson.
2838 effusa, Dougl.
2839 var. gossypina, T. & G.
2840 elata, Greene.
2841 emarginata, Pursh.
2842 fragiformis, Willd.
2843 var. villosa, Reg. & Tiling.
2844 Frieseana, Lange.
2845 frigida, Villars.
2846 fruticosa, L.
2847 var. parvifolia, Watson.
2848 gelida, C. A. Mey.
2849 glandulosa, Lindl.
2850 var. incisa, Lindl.
2851 var. Nevadensis, Watson.
2852 gracilis, Dougl.
2853 var. fastigiata, Watson.
2854 var. flabelliformis, T. & G.
2855 var. rigida, Watson.
2856 Grayi, Watson.
2857 Hippiana, Lehm.
2858 var. pulcherrima, Watson.
2859 Hookeriana, Lehm.
2860 humifusa, Nutt.
2861 maculata, Pourret.
2862 nemoralis, Nestler.
2863 nivea, L.
2864 var. dissecta, Watson.
2865 var. macrophylla, Lehm.
2866 var. pentaphylla, Lehm.
2867 var. prostrata, Lehm.
2868 var. Vahliana, Seem.
2869 Norvegica, L.
2870 var. hirsuta, T. & G.
2871 palustris, Scop.
2872 Pennsylvanica, L.
2873 var. arachnoidea, Lehm.
2874 var. bipinnatifida, T. & G.
2875 var. glabrata, Watson.
2876 var. strigosa, Lehm.
2877 Plattensis, Nutt.
2878 puberula, Greene.
2879 pulchella, R. Br.
2880 Ranunculus, Lange.
2881 *recta*, *L.*
2882 rivalis, Nutt.
2883 var. millegrana, Watson.
2884 var. pentandra, Watson.
2885 subviscosa, Greene.
2886 supina, L.
2887 var. Nicolletii, Watson.
2888 Thurberi, Gray.
2889 tridentata, Ait.
2890 Wheeleri, Watson.
**POTERIUM** 2066
2891 annuum, Nutt.
2892 Canadense, Benth. & Hook.
2893 officinale, Benth. & Hook.
2894 *Sanguisorba*, *L.*
2895 Sitchense, Watson.
**PRUNUS** 2019
2896 Alleghaniensis, Porter.
2897 Americana, Marsh.
2898 var. mollis, T. & G.
2899 Andersoni, Gray.
2900 *Armeniaca*, *L.*
2901 *avium*, *L.*
2902 Caroliniana, Ait.
2903 *Cerasus*, *L.*
2904 Chicasa, Michx.
2905 demissa, Walt.
2906 *domestica*, *L.*

2907 emarginata, Walp.
2908 var. mollis, Brewer.
2909 fasciculata, Gray.
2910 Fremonti, Watson.
2911 glandulosa, T. & G.
2912 gracilis, Engelm. & Gray.
2913 ilicifolia, Walp.
2914 var. occidentalis, Brandegee.
2915 maritima, Wangenh.
2916 minutiflora, Engelm.
2917 Pennsylvanica, L. f.
2918 pumila, L.
2919 rivularis, Scheele.
2920 salicifolia, HBK, var. acutifolia, Watson.
2921 serotina, Ehrh.
2922 sphærocarpa, Swartz.
2923 *spinosa*, *L.*
2924 *var. insititia*, *Gray.*
2925 subcordata, Benth.
2926 var. Kelloggii, Lemmon.
2927 umbellata, Ell.
2928 Virginiana, L.

**PURSHIA** 2044

2929 tridentata, DC.

**PYRUS** 2074

2930 Americana, DC.
2931 var. microcarpa, T. & G.
2932 angustifolia, Ait.
2933 arbutifolia, L. f.
2934 var. macrophylla, Hook.
2935 var. melanocarpa, Hook.
2936 coronaria, L.
2937 occidentalis, Watson.
2938 rivularis, Dougl.
2939 var. lævigata, Engelm.
2940 sambucifolia, Cham. & Schl.

**ROSA** 2069

2941 acicularis, Lindl.
2942 Arkansana, Porter.
2943 blanda, Ait.
2944 *bracteata*, *Wendl.*
2945 Californica, Cham. & Schl.
2946 *canina*, *L.*
2947 Carolina, L.
2948 *cinnamomea*, *L.*
2949 Engelmanni, Watson.
2950 Fendleri, Crepin.
2951 foliolosa, Nutt.
2952 gymnocarpa, Nutt.
2953 var. pubescens, Watson.
2954 humilis, Marsh.
2955 *lævigata*, *Michx.*
2956 lucida, Ehrh.
2957 *multiflora*, *Thunb.*
2958 nitida, Willd.
2959 Nutkana, Presl.
2960 pisocarpa, Gray.
2961 *rubiginosa*, *L.*
2962 Sayi, Schwein.
2963 setigera, Michx.
2964 var. tomentosa, T. & G.
2965 Woodsii, Lindl.

**RUBUS** 2042

2966 arcticus, L.
2967 var. grandiflorus, Ledeb.
2968 Canadensis, L.
2969 var. invisus, Bailey.
2970 var. roribaccus, Bailey.
2971 Chamæmorus, L.
2972 cuneifolius, Pursh.
2973 deliciosus, James.
2974 hispidus, L.
2975 var. setosus, T. & G.
2976 leucodermis, Dougl.
2977 neglectus, Peck.
2978 nivalis, Dougl.
2979 Nutkanus, Moc.
2980 var. Nuttallii, T. & G.
2981 var. velutinus, Brewer.
2982 occidentalis, L.
2983 odoratus, L.
2984 pedatus, Smith.
2985 saxatilis, L.
2986 spectabilis, Pursh.
2987 var. Menziesii, Watson.
2988 stellatus, Smith.
2989 strigosus, Michx.
2990 triflorus, Richards.
2991 trilobus, Moc.
2992 trivialis, Michx.
2993 ursinus, Cham. & Schlecht.
2994 villosus, Ait.
2995 var. frondosus, Torr.
2996 var. humifusus, T. & G.
2997 var. montanus, Porter.

**SIBBALDIA** (2055)

2998 procumbens, L.

**SPIRÆA** 2025

2999 betulæfolia, Pall.
3000 var. corymbosa, Watson.

3001 var. rosea, Gray.
3002 Douglasii, Hook.
3003 var. Menziesii, Presl.
3004 var. Nobleana, Watson.
3005 discolor, Pursh.
3006 var. ariæfolia, Watson.
3007 var. dumosa, Watson.
3008 Kamtschatica, Pall.
3009 lobata, Jacq.
3010 salicifolia, L.
3011 tomentosa, L.
3012 Virginiana, Britton.

VAUQUELINIA 2036
3013 Torreyi, Watson.

WALDSTEINIA 2052
3014 fragarioides, Tratt.
3015 lobata, T. & G.

## SAXIFRAGACEÆ.

ASTILBE 2089
3016 decandra, Don.
3017 var. crenatiloba, Britton.

BOLANDRA 2094
3018 Californica, Gray.
3019 Oregana, Watson.

BOYKINIA 2095
3020 aconitifolia, Nutt.
3021 major, Gray.
3022 occidentalis, T. & G.
3023 Richardsoni, Gray.
3024 rotundifolia, Parry.

CARPENTERIA 2125
3025 Californica, Torr.

CHRYSOSPLENIUM 2104
3026 alternifolium, L.
3027 Americanum, Schwein.
3028 glechomæfolium, Nutt.

DECUMARIA 2118
3029 barbara, L.

FENDLERA 2124
3030 rupicola, Engelm. & Gray.
3031 var. Wrightii, Gray.

HEUCHERA 2102
3032 Americana, L.
3033 bracteata, Seringe.
3034 Curtisii, Gray.
3035 cylindrica, Dougl.
3036 var. alpina, Watson.
3037 var. glabella, Wheelock.
3038 var. ovalifolia, Wheelock.
3039 var. tenuifolia, Wheelock.
3040 glabra, Willd.
3041 Hallii, Gray.
3042 hispida, Pursh.
3043 var. hirsuticaulis, Wheel'k.
3044 maxima, Greene.
3045 micrantha, Dougl.
3046 Nova-Mexicana, Wheelock.
3047 parvifolia, Nutt.
3048 pilosissima, Fisch. & Mey.
3049 pubescens, Pursh.
3050 racemosa, Watson.
3051 rubescens, Torr.
3052 var. nana, Gray.
3053 var. Oregonensis, Wheel'k.
3054 Rugelii, Shuttlw.
3055 sanguinea, Engelm.
3056 villosa, Michx.
3057 Williamsii, Eaton.

HYDRANGEA 2111
3058 arborescens, L.
3059 var. cordata, T. & G.
3060 quercifolia, Bartram.
3061 radiata, Walt.

ITEA 2139
3062 Virginica, L.

JAMESIA 2122
3063 Americana, T. & G.

LEPTARRHENA 2088
3064 pyrolifolia, R. Br.

LEPUROPETALON 2107
3065 spathulatum, Ell.

LYONOTHAMNUS 2123
3066 floribundus, Gray.

MITELLA 2101
3067 Breweri, Gray.
3068 caulescens, Nutt.
3069 diphylla, L.
3070 diversifolia, Greene.
3071 nuda, L.
3072 var. (M. prostrata, Michx.)
3073 ovalis, Greene.
3074 pentandra, Hook.
3075 trifida, Graham.

PARNASSIA 2108
3076 asarifolia, Vent.
3077 Caroliniana, Michx.
3078 var. (P. grandifolia, DC.)
3079 fimbriata, Koenig.
3080 Kotzebuei, Cham. & Schl.
3081 palustris, L.

3082 var. Californica, Gray.
3083 parviflora, DC.

**PHILADELPHUS** 2110

3084 *coronarius*, *L.*
3085 Gordonianus, Lindl.
3086 grandiflorus, Willd.
3087 var. floribundus, T. & G.
3088 var. laxus, T. & G.
3089 hirsutus, Nutt.
3090 inodorus, L.
3091 Lewisii, Pursh.
3092 var. Californicus, Gray.
3093 microphyllus, Gray.
3094 serpyllifolius, Gray.

**RIBES** 2168

3095 ambiguum, Watson.
3096 amictum, Greene.
3097 aureum, Pursh.
3098 var. tenuiflorum, Torr.
3099 bracteosum, Dougl.
3100 cereum, Dougl.
3101 var. pedicellare, Gray.
3102 Cynosbati, L.
3103 divaricatum, Dougl.
3104 var. irriguum, Gray.
3105 floridum, L'Her.
3106 gracile, Michx.
3107 Hudsonianum, Richards.
3108 var. (R. petiolare, Dougl.)
3109 lacustre, Poir.
3110 var. molle, Gray.
3111 var. parvulum, Gray.
3112 lasiococcus, Gray.
3113 laxiflorum, Pursh.
3114 leptanthum, Gray.
3115 var. brachyanthum, Gray.
3116 Lobbii, Gray.
3117 Marshallii, Greene.
3118 Menziesii, Pursh.
3119 Mogollonicum, Greene.
3120 oxyacanthoides, L.
3121 pinetorum, Greene.
3122 prostratum, L'Her.
3123 quercetorum, Greene.
3124 resinosum, Pursh.
3125 rotundifolium, Michx.
3126 rubrum, L, var. subglandulosum, Maxim.
3127 Rusbyi, Greene.
3128 sanguineum, Pursh.
3129 var. glutinosum, Gray.
3130 var. malvaceum, Gray.
3131 var. variegatum, Watson.
3132 setosum, Lindl.
3133 speciosum, Pursh.
3134 tortuosum, Benth.
3135 Victoris, Greene.
3136 viscosissimum, Pursh.

**SAXIFRAGA** 2092

3137 adscendens, L.
3138 aizoides, L.
3139 Aizoon, Jacq.
3140 bronchialis, L.
3141 var. cherlerioides, Engler.
3142 bryophora, Gray.
3143 cæspitosa, L.
3144 var. Grœnlandica, Wahl.
3145 var. Sternbergii, Regel.
3146 var. uniflora, Hook.
3147 Careyana, Gray.
3148 Caroliniana, Gray.
3149 cernua, L.
3150 chrysantha, Gray.
3151 debilis, Engelm.
3152 elegans, Nutt.
3153 eriophora, Watson.
3154 erosa, Pursh.
3155 Eschscholtzii, Sternb.
3156 exilis, Stephan.
3157 flagellaris, Willd.
3158 Forbesii, Vasey.
3159 fragarioides, Greene.
3160 hieracifolia, Waldst. & Kit.
3161 Hirculus, L.
3162 integrifolia, Hook.
3163 Jamesii, Torr.
3164 leucanthemifolia, Michx.
3165 var. Brunoniana, T. & G.
3166 var. ferruginea, T. & G.
3167 Lyallii, Engler.
3168 Marshallii, Greene.
3169 malvæfolia, Greene.
3170 Mertensiana, Bong.
3171 nivalis, L.
3172 var. tenuis, Wahl.
3173 nudicaulis, Don.
3174 occidentalis, Watson.
3175 oppositifolia, L.
3176 Parryi, Gray.
3177 peltata, Torr.

3178 Pennsylvanica, L.
3179 punctata, L.
3180 var. acutidentata, Engler.
3181 var. nana, Gray.
3182 ranunculifolia, Hook.
3183 reflexa, Hook.
3184 rivularis, L.
3185 var. hyperborea, Hook.
3186 var. Laurentiana, Engler.
3187 serpyllifolia, Pursh.
3188 sileniflora, Sternb.
3189 stellaris, L.
3190 var. comosa, Willd.
3191 Tolmæi, T. & G.
3192 tricuspidata, Retz.
3193 var. micrantha, Sternb.
3194 Unalaschensis, Sternb.
3195 Virginiensis, Michx.

SUKSDORFIA 2096
3196 violacea, Gray.

SULLIVANTIA 2097
3197 Ohionis, T. & G.
3198 Oregana, Watson.

TELLIMA 2100
3199 affinis, Boland.
3200 Bolanderi, Boland.
3201 Cymbalaria, Walp.
3202 grandiflora, R. Br.
3203 heterophylla, Hook. & Arn.
3204 parviflora, Hook.
3205 tenella, Walp.

TIARELLA 2099
3206 cordifolia, L.
3207 trifoliata, L.
3208 unifoliata, Hook.
3209 var. procera, Gray.

TOLMIEA 2103
3210 Menziesii, T. & G.

WHIPPLEA 2128
3211 modesta, Torr.
3212 Utahensis, Watson.

## CRASSULACEÆ.

COTYLEDON 2182
3213 cæspitosa, Haworth.
3214 edulis, Brewer.
3215 farinosa, Benth. & Hook.
3216 lanceolata, Benth. & Hook.
3217 laxa, Benth. & Hook.
3218 linearis, Greene.
3219 Lingula, Watson.
3220 Nevadensis, Watson.
3221 Oregonensis, Watson.
3222 Palmeri, Watson.
3223 Peacockii, Baker.
3224 pulverulenta, Benth. & Hook.
3225 Rusbyi, Greene.
3226 strictiflora, Baker.
3227 viscida, Watson.

DIAMORPHA 2186
3228 pusilla, Nutt.

PENTHORUM 2171
3229 sedoides, L.

SEDUM 2183
3230 *acre*, *L.*
3231 annuum, Watson.
3232 debile, Watson.
3233 divaricatum, Watson.
3234 divergens, Watson.
3235 Douglasii, Hook.
3236 Liebmannianum, Hemsl.
3237 Nevii, Gray.
3238 obtusatum, Gray.
3239 Oreganum, Nutt.
3240 pulchellum, Michx.
3241 pumilum, Benth.
3242 pusillum, Michx.
3243 radiatum, Watson.
3244 *reflexum*, *L.*
3245 rhodanthum, Gray.
3246 Rhodiola, DC.
3247 spathulifolium, Hook.
3248 stelliforme, Watson.
3249 stenopetalum, Pursh.
3250 telephioides, Michx.
3251 *Telephium*, *L.*
3252 ternatum, Michx.
3253 Torreyi, Don.
3254 variegatum, Watson.
3255 villosum, L.
3256 Wrightii, Gray.

SEMPERVIVUM 2184
3257 *tectorum*, *L.*

TILLÆA 2173
3258 angustifolia, Nutt.
3259 var.(?) Bolanderi, Watson.
3260 Drummondii, T. & G.
3261 minima, Miers.
3262 var. subsimplex, Watson.
3263 peduncularis, Smith.
3264 simplex, Nutt.

## DROSERACEÆ.

DIONÆA 2191
3265 muscipula, Ellis.
DROSERA 2188
3266 Anglica, Hudson.
3267 brevifolia, Pursh.
3268 capillaris, Poir.
3269 filiformis, Raf.
3270 intermedia, Hayne.
3271 var. Americana, DC.
3272 linearis, Goldie.
3273 rotundifolia, L.

## HAMAMELIDEÆ.

FOTHERGILLA 2195
3274 Gardeni, L.
HAMAMELIS 2200
3275 Virginiana, L.
3276 var. parvifolia, Nutt.
LIQUIDAMBAR 2210
3277 Styraciflua, L.

## HALORAGEÆ.

CALLITRICHE 2231
3278 autumnalis, L.
3279 Bolanderi, Hegelm.
3280 var. Austini, Hegelm.
3281 deflexa, A. Braun.
3282 heterophylla, Pursh.
3283 longipedunculata, Morong.
3284 marginata, Torr.
3285 Nuttallii, Torr.
3286 peploides, Nutt.
3287 sepulta, Watson.
3288 stenocarpa, Hegelm.
3289 verna, L.
HIPPURIS 2228
3290 montana, Ledeb.
3291 tetraphylla, L. f.
3292 vulgaris, L.
MYRIOPHYLLUM 2230
3293 alterniflorum, DC.
3294 ambiguum, Nutt.
3295 var. capillaceum, T. & G.
3296 var. limosum, Torr.
3297 Farwellii, Morong.
3298 heterophyllum, Michx.
3299 hippuroides, Nutt.
3300 laxum, Shuttlw.
3301 scabratum, Michx.
3302 spicatum, L.
3303 tenellum, Bigel.
3304 verticillatum, L.
PROSERPINACA 2227
3305 palustris, L.
3306 pectinacea, Lam.

## RHIZOPHORACEÆ.

RHIZOPHORA 2232
3307 Mangle, L.

## COMBRETACEÆ.

CONOCARPUS 2253
3308 erectus, L.
3309 var. sericeus, Forst.
LAGUNCULARIA 2259
3310 racemosa, Gaertn.
TERMINALIA 2249
3311 Buceras, Benth. & Hook.
3312 *Catappa, L.*

## MYRTACEÆ.

CALYPTRANTHES 2324
3313 Chytraculia, Swartz.
EUGENIA 2327
3314 buxifolia, Willd.
3315 Cabanisiana, Berg.
3316 dichotoma, DC.
3317 dicrana, Berg.
3318 longipes, Berg.
3319 monticola, DC.
3320 procera, Poir.
PSIDIUM 2314
3321 buxifolium, Nutt.
3322 *Guayava, L.*

## MELASTOMACEÆ.

RHEXIA 2401
3323 aristosa, Britton.
3324 ciliosa, Michx.
3325 glabella, Michx.
3326 var. (R. Alifanus, Walt.)
3327 lanceolata, Walt.
3328 lutea, Walt.
3329 Mariana, L.
3330 serrulata, Nutt.
3331 stricta, Pursh.
3332 Virginica, L.

## LYTHRACEÆ.

AMMANNIA 2488
3333 auriculata, Willd.
3334 coccinea, Rottb.
3335 latifolia, L.

CUPHEA 2496
3336 aspera, Chapm.
3337 glutinosa, Cham. & Schlecht.
3338 viscosissima, Jacq.
3339 Wrightii, Gray.
DECODON (2500)
3340 verticillatus, Ell.
DIDIPLIS 2490
3341 linearis, Raf.
HEIMIA 2500
3342 salicifolia, HBK.
LYTHRUM 2497
3343 adsurgens, Greene.
3344 alatum, Pursh.
3345 var. pumilum, Gray.
3346 album, HBK.
3347 Californicum, T. & G.
3348 flagellare, Shuttlw.
3349 Hyssopifolia, L.
3350 lanceolatum, Ell.
3351 lineare, L.
3352 ovalifolium, Engelm.
3353 *Salicaria*, *L.*
3354 Sanfordi, Greene.
3355 Vulneraria, Ait.
NESÆA 2499
3356 longipes, Gray.
ROTALA 2487
3357 ramosior, Koehne.

## ONAGRACEÆ.

BOISDUVALIA (2526)
3358 cleistogama, Curran.
3359 Douglasii, Spach.
3360 glabella, Walp.
3361 Torreyi, Watson.
CIRCÆA 2540
3362 alpina, L.
3363 Lutetiana, L.
3364 Pacifica, Asch. & Mag.
CLARKIA 2525
3365 elegans, Lindl.
3366 pulchella, Pursh.
3367 rhomboidea, Dougl.
3368 Xantiana, Gray.
EPILOBIUM 2520
3369 adenocaulon, Hausskn.
3370 var. occidentale, Trelease.
3371 var. (?) perplexans, Trelease.
3372 alpinum, L.
3373 anagallidifolium, Lam.
3374 Behringianum, Hausskn.
3375 Bongardi, Hausskn.
3376 boreale, Hausskn.
3377 brevistylum, Barbey.
3378 Californicum, Hausskn.
3379 clavatum, Trelease.
3380 coloratum, Muhl.
3381 Davuricum, Fisch.
3382 delicatum, Trelease.
3383 var. tenue, Trelease.
3384 Drummondii, Hausskn.
3385 exaltatum, Drew.
3386 Fendleri, Hausskn.
3387 Franciscanum, Barbey.
3388 glaberrimum, Barbey.
3389 var. latifolium, Barbey.
3390 glandulosum, Lehm.
3391 Halleanum, Hausskn.
3392 *hirsutum*, *L.*
3393 holosericeum, Trelease.
3394 Hornemanni, Reichenb.
3395 latifolium, L.
3396 leptocarpum, Hausskn.
3397 var. Macounii, Trelease.
3398 lineare, Muhl.
3399 var. oliganthum, Trelease.
3400 luteum, Pursh.
3401 minutum, Lindl.
3402 var. foliosum, T. & G.
3403 Novo-Mexicanum, Hausskn.
3404 obcordatum, Gray.
3405 Oreganum, Greene.
3406 Oregonense, Hausskn.
3407 var. gracillimum, Trelease.
3408 palustre, L.
3409 paniculatum, Nutt.
3410 var. jucundum, Trelease.
3411 Parishii, Trelease.
3412 rigidum, Hausskn.
3413 var. canescens, Trelease.
3414 saximontanum, Hausskn.
3415 spicatum, Lam.
3416 strictum, Muhl.
3417 suffruticosum, Nutt.
3418 ursinum, Parish.
3419 var. subfalcatum, Trelease.
3420 Watsoni, Barbey.
EUCHARIDIUM 2529
3421 Breweri, Gray.
3422 concinnum, Fisch. & Mey.

**EULOBUS** 2527
3423 Californicus, Nutt.
**GAURA** 2536
3424 angustifolia, Michx.
3425 biennis, L.
3426 coccinea, Nutt.
3427 var. glabra, T. & G.
3428 var. integerrima, Torr.
3429 var. parvifolia, T. & G.
3430 Drummondii, T. & G.
3431 filipes, Spach.
3432 var. major, T. & G.
3433 Lindheimeri, Eng. & Gray.
3434 longiflora, Spach.
3435 macrocarpa, Rothrock.
3436 Nealleyi, Coulter.
3437 parviflora, Dougl.
3438 sinuata, Nutt.
3439 suffulta, Engelm.
3440 tripetala, Cav.
3441 villosa, Torr.
**GAYOPHYTUM** 2528
3442 diffusum, T. & G.
3443 pumilum, Watson.
3444 racemosum, T. & G.
3445 ramosissimum, T. & G.
3446 var. deflexum, Hook.
**GODETIA** (2528)
3447 albescens, Lindl.
3448 amœna, Lilj.
3449 biloba, Watson.
3450 Bottæ, Spach.
3451 epilobioides, Watson.
3452 grandiflora, Lindl.
3453 hispidula, Watson.
3454 lepida, Lindl.
3455 var. Arnottii, Watson.
3456 var. parviflora, Watson.
3457 micropetala, Greene.
3458 purpurea, Watson.
3459 quadrivulnera, Spach.
3460 Romanzovii, Spach.
3461 tenella, Watson.
3462 viminea, Spach.
3463 var. intermedia, Kellogg.
3464 Williamsonii, Watson.
**HETEROGAURA** 2538
3465 Californica, Rothrock.
**JUSSIÆA** 2522
3466 decurrens, DC.
3467 erecta, L.
3468 octonervia, Lam.
3469 Peruviana, L.
3470 pilosa, HBK.
3471 repens, L.
3472 var. Californica, Watson.
3473 var. grandiflora, Micheli.
**LUDWIGIA** 2524
3474 alata, Ell.
3475 alternifolia, L.
3476 var. linearifolia, Britton.
3477 arcuata, Walt.
3478 capitata, Michx.
3479 Curtissii, Chapm.
3480 cylindrica, Ell.
3481 var. (?) brachycarpa, T. & G.
3482 hirtella, Raf.
3483 lanceolata, Ell.
3484 linearis, Walt.
3485 var. puberula, Eng. & Gr.
3486 linifolia, Poir.
3487 microcarpa, Michx.
3488 natans, Ell.
3489 palustris, Ell.
3490 pilosa, Walt.
3491 polycarpa, Short & Peter.
3492 spathulata, T. & G.
3493 sphærocarpa, Ell.
3494 virgata, Michx.
**ŒNOTHERA** 2528
3495 albicaulis, Nutt.
3496 var. brevifolia, Engelm.
3497 var. (?) decumbens, Watson.
3498 var. runcinata, Engelm.
3499 alyssoides, Hook. & Arn.
3500 var. minutiflora, Watson.
3501 var. villosa, Watson.
3502 ambigua, Watson.
3503 andina, Nutt.
3504 biennis, L.
3505 var. canescens, T. & G.
3506 var. cruciata, T. & G.
3507 var. grandiflora, Lindl.
3508 var. hirsutissima, Gray.
3509 var. muricata, Lindl.
3510 bistorta, Nutt.
3511 var. (?) Veatchiana, Hook.
3512 Boothii, Dougl.
3513 brachycarpa, Gray.

3514 breviflora, T. & G.
3515 brevipes, Gray.
3516 var. parviflora, Watson.
3517 cæspitosa, Nutt.
3518 Californica, Watson.
3519 canescens, Torr.
3520 cardiophylla, Torr.
3521 chamænerioides, Gray.
3522 cheiranthifolia, Hornem.
3523 var. suffruticosa, Watson.
3524 coronopifolia, T. & G.
3525 dentata, Cav.
3526 var. cruciata, Watson.
3527 dissecta, Gray.
3528 divaricata, Greene.
3529 Drummondii, Hook.
3530 Fremonti, Watson.
3531 fruticosa, L.
3532 var. ambigua, Nutt.
3533 var. hirsuta, Nutt.
3534 var. humifusa, Allen.
3535 var. incana, Hook.
3536 var. linearis, Watson.
3537 var. phyllopus, Hook.
3538 gauræflora, T. & G.
3539 glauca, Michx.
3540 var. Fraseri, T. & G.
3541 graciliflora, Hook. & Arn.
3542 Greggii, Gray.
3543 Hartwegi, Benth.
3544 var. lavandulæfolia, Wats.
3545 heterantha, Nutt.
3546 var. (?) taraxacifolia, Watson.
3547 heterochroma, Watson.
3548 heterophylla, Spach.
3549 Hilgardi, Greene.
3550 humifusa, Nutt.
3551 Jamesii, T. & G.
3552 Johnsoni, Watson.
3553 linifolia, Nutt.
3554 micrantha, Hornem.
3555 Missouriensis, Sims.
3556 var. incana, Gray.
3557 var. latifolia, Gray.
3558 multijuga, Watson.
3559 nitida, Greene.
3560 Nuttallii, T. & G.
3561 Oakesiana, Robbins.
3562 ovata, Nutt.
3563 Palmeri, Watson.
3564 Parryi, Watson.
3565 pinnatifida, Nutt.
3566 primiveris, Gray.
3567 pterosperma, Watson.
3568 pumila, L.
3569 refracta, Watson.
3570 rhombipetala, Nutt.
3571 rosea, Ait.
3572 scapoidea, Nutt.
3573 var. aurantiaca, Watson.
3574 var. purpurascens, Watson.
3575 serrulata, Nutt.
3576 var. Douglasii, T. & G.
3577 var. Drummondii, T. & G.
3578 var. pinifolia, Engelm.
3579 var. spinulosa, T. & G.
3580 sinuata, L.
3581 var. grandiflora, Watson.
3582 var. hirsuta, T. & G.
3583 var. minima, Nutt.
3584 Spachiana, T. & G.
3585 speciosa, Nutt.
3586 strigulosa, T. & G.
3587 var. pubens, Watson.
3588 tetraptera, Cav.
3589 trichocalyx, Nutt.
3590 triloba, Nutt.
3591 var. (?) parviflora, Watson.
3592 tubicula, Gray.

STENOSIPHON 2537
3593 virgatus, Spach.

ZAUSCHNERIA 2521
3594 Californica, Presl.
3595 var. microphylla, Gray.

## LOASACEÆ.

CEVALLIA 2564
3596 sinuata, Lag.

EUCNIDE (2571)
3597 bartonioides, Zucc.
3598 lobata, Gray.
3599 urens, Parry.

MENTZELIA 2571
3600 albicaulis, Dougl.
3601 aspera, L.
3602 Brandegei, Watson.
3603 chrysantha, Engelm.
3604 congesta, T. & G.
3605 dispersa, Watson.
3606 Floridana, Nutt.
3607 gracilenta, T. & G.

3608 hispida, Willd.
3609 involucrata, Watson.
3610 lævicaulis, T. & G.
3611 Lindleyi, T. & G.
3612 micrantha, T. & G.
3613 multiflora, Gray.
3614 nuda, T. & G.
3615 oligosperma, Nutt.
3616 ornata, T. & G.
3617 pumila, T. & G.
3618 Torreyi, Gray.
3619 tricuspis, Gray.
3620 Wrightii, Gray.

PETALONYX [2565]
3621 nitidus, Watson.
3622 Thurberi, Gray.

SYMPETALEIA [2566]
3623 aurea, Gray.

## TURNERACEÆ.

PIRIQUETA [2578]
3624 fulva, Chapm.

TURNERA [2581]
3625 diffusa, Willd., var. aphrodisiaca, Urb.

## PASSIFLORACEÆ.

CARICA [2605]
3626 Papaya, L.

PASSIFLORA [2584]
3627 affinis, Engelm.
3628 fœtida, L.
3629 inamœna, Gray.
3630 incarnata, L.
3631 lutea, L.
3632 Mexicana, Juss.
3633 multiflora, L.
3634 suberosa, L.
3635 var. angustifolia, Masters.
3636 var. pallida, Masters.
3637 tenuiloba, Engelm.

## CUCURBITACEÆ.

APODANTHERA [2648]
3638 undulata, Gray.

BRANDEGEA
3639 Bigelovii, Cognx.
3640 parviflora, Watson in herb.

CAYAPONIA [2673]
3641 Boykinii, Cognx.

CITRULLUS [2634]
3642 *vulgaris*, *Schrad.*

CUCUMIS [2633]
3643 *Anguria*, *L.*
3644 Melo, L., var. Texanus, Naud.

CUCURBITA [2646]
3645 Californica, Torr.
3646 digitata, Gray.
3647 fœtidissima, HBK.
3648 palmata, Watson.
3649 *Pepo*, *L.*
3650 *verrucosa*, *L.*

CYCLANTHERA [2676]
3651 dissecta, Arn.

ECHINOCYSTIS [2674]
3652 lobata, T. & G.

ECHINOPEPON (2674)
3653 horridus, Naud.
3654 Wrightii, Watson.

LAGENARIA [2621]
3655 *vulgaris*, *Ser.*

LUFFA [2628]
3656 *acutangula*, *Roxb.*

MAXIMOWICZIA [2666]
3657 Lindheimeri, Cognx.
3658 tripartita, Cognx.
3659 var. tenuisecta, Watson.

MEGARRHIZA (2674)
3660 Californica, Torr.
3661 exilis, Greene.
3662 Gilensis, Greene.
3663 Marah, Watson.
3664 macrocarpa, Rattan.
3665 muricata, Watson.
3666 Oregana, Torr.

MELOTHRIA [2651]
3667 grandifolia, T. & G.
3668 pendula, L.

MOMORDICA [2627]
3669 *Balsamina*, *L.*
3670 *Charantia*, *L.*

SICYOS [2675]
3671 angulatus, L.
3672 Deppei, Don.
3673 laciniatus, L., var. subintegra, Cognx.

SICYOSPERMA [2679]
3674 gracile, Gray.

## DATISCACEÆ.

DATISCA [2698]
3675 glomerata, Benth. & Hook.

## CACTACEÆ.

ANHALONIUM (2702)
3676 fissuratum, Engelm.

3677 Williamsii, Engelm.

CEREUS 2708

3678 Berlandieri, Engelm.
3679 cæspitosus, Engelm.
3680 var. castaneus, Engelm.
IM 3681 chloranthus, Engelm.
3682 conoideus, Bigel.
3683 dasyacanthus, Engelm.
3684 dubius, Engelm.
3685 Emoryi, Engelm.
3686 Engelmanni, Parry.
3687 var. chrysocentrus, E. & B.
3688 var. variegatus, E. & B.
3689 enneacanthus, Engelm.
3690 Fendleri, Engelm.
3691 giganteus, Engelm.
3692 gonacanthus, Eng. & Big.
3693 Greggii, Engelm.
3694 var. transmontanus, Eng.
3695 hexaedrus, Eng. & Big.
3696 longisetus, Engelm.
3697 Mohavensis, Eng. & Big.
3698 var. (?) Zuniensis, E. & B.
3699 *monoclonos, DC?* WNM
3700 paucispinus, Engelm.
3701 pectinatus, Eng., var. (?) armatus, Poselger.
3702 var. (?) rigidissimus, Engelm.
3703 phœniceus, Engelm.
NM 3704 polyacanthus, Engelm.
3705 princeps, Hort. Wurtzb.
3706 procumbens, Engelm.
3707 Rœtteri, Engelm.
3708 rufispinus, Engelm.
3709 Schottii, Engelm.
3710 stramineus, Engelm.
3711 Thurberi, Engelm.
3712 *triangularis, Haworth?*
3713 triglochidiatus, Engelm.
3714 tuberosus, Poselger.
3715 viridiflorus, Engelm.
3716 var. cylindricus, Engelm.

ECHINOCACTUS 2705

3717 bicolor, Galeotti, v. Schottii, Engelm.
3718 brevihamatus, Engelm.
3719 cylindraceus, Engelm.
3720 Emoryi, Engelm.
3721 horizonthalonius, Lemaire.
3722 var. centrispinus, Engelm.
3723 intertextus, Engelm.
3724 var. dasyacanthus, Engelm.
3725 Johnsoni, Parry.
3726 longihamatus, Galeotti.
3727 var. brevispinus, Engelm.
3728 var. gracilispinus, Engelm.
3729 papyracanthus, Engelm.
3730 Parryi, Engelm.
3731 polyancistrus, Eng. & Big.
3732 polycephalus, Eng. & Big.
3733 pubispinus, Engelm.
3734 Scheerii, Salm.
3735 setispinus, Engelm.
3736 var. setaceus, Engelm.
3737 Simpsoni, Engelm.
3738 var. minor, Engelm.
3739 sinuatus, Dietr.
3740 Texensis, Hoepf.
3741 uncinatus, Hoepf.
3742 var. Wrightii, Engelm.
3743 viridescens, Nutt.
3744 Whipplei, Eng. & Big.
3745 var. spinosior, Engelm.
3746 Wislizeni, Engelm.
3747 var. Lecontei, Engelm.

MAMILLARIA 2702

3748 chlorantha, Engelm.
3749 dasyacantha, Engelm.
3750 deserti, Engelm.
3751 Echinus, Engelm.
3752 fasciculata, Engelm.
3753 Goodridgii, Scheer.
3754 Grahami, Engelm.
3755 gummifera, Engelm.
3756 Heyderi, Muhlenpf.
3757 var. hemisphærica, Engelm.
3758 lasiacantha, Engelm.
3759 macromeris, Engelm.
3760 meiacantha, Engelm.
3761 micromeris, Engelm.
3762 var. Greggii, Engelm.
3763 Missouriensis, Sweet.
3764 var. cæspitosa, Watson.
3765 var. robustior, Watson.
3766 phellosperma, Engelm.
3767 Pottsii, Scheer.
3768 pusilla, DC.
3769 var. Texana, Engelm.
3770 radians, DC.
3771 robustispina, Schott.

3772 Scheerii, Muhlenpf.
3773 var. (?) valida, Engelm.
3774 scolymoides, Scheidw.
3775 sphærica, Dietr.
3776 strobiliformis, Scheer.
3777 vivipara, Haworth.
3778 var. radiosa, Engelm.
3779 Wrightii, Engelm.

OPUNTIA [2714]

3780 acanthocarpa, Eng. & Big.
3781 angustata, Eng. & Big.
3782 arborescens, Engelm.
3783 arbuscula, Engelm.
3784 arenaria, Engelm.
3785 basilaris, Eng. & Big.
3786 Bernardina, Engelm.
3787 Bigelovii, Engelm.
3788 Camanchica, Eng. & Big.
3789 chlorotica, Eng. & Big.
3790 clavata, Engelm.
3791 Davisii, Eng. & Big.
3792 echinocarpa, Eng. & Big.
3793 var. major, Engelm.
3794 Emoryi, Engelm.
3795 Engelmanni, Salm.
3796 var. cyclodes, Eng. & Big.
3797 var. (?) littoralis, Engelm.
3798 var. occidentalis, Engelm.
3799 *Ficus-Indica, Mill.*
3800 filipendula, Engelm.
3801 fragilis, Haworth.
3802 fulgida, Engelm.
3803 fusco-atra, Engelm.
3804 Grahami, Engelm.
3805 hystricina, Eng. & Big.
3806 Kleiniæ, DC.
3807 leptocaulis, DC.
3808 var. brevispina, Watson.
3809 var. vaginata, Watson.
3810 macrocentra, Engelm.
3811 mamillata, Schott.
3812 Missouriensis, DC.
3813 var. albispina, Engelm.
3814 var. microsperma, Engelm.
3815 var. platycarpa, Engelm.
3816 var. trichophora, Engelm.
3817 Mohavensis, Eng. & Big.
3818 Parryi, Engelm.
3819 Pes-Corvi, LeConte.
3820 phæacantha, Engelm.
3821 var. major, Eng. & Big.
3822 procumbens, Eng. & Big.
3823 prolifera, Engelm.
3824 pulchella, Engelm.
3825 Rafinesquii, Engelm.
3826 var. (?) cymochila, E. & B.
3827 var. (?) fusiformis, E. & B.
3828 var. (?) grandiflora, Engelm.
3829 var. (?) macrorhiza, Engelm.
3830 var. microsperma, Engelm.
3831 var. minor, Engelm.
3832 var. (?) stenochila, E. & B.
3833 rufida, Engelm.
3834 rutila, Nutt.
3835 Schottii, Engelm.
3836 serpentina, Engelm.
3837 sphærocarpa, Eng. & Big.
3838 var. (?) Utahensis, Engelm.
3839 Strigil, Engelm.
3840 tenuispina, Engelm.
3841 tessellata, Engelm.
3842 tortispina, Eng. & Big.
3843 *tuna, Mill.*
3844 versicolor, Engelm.
3845 vulgaris, Mill.
3846 Whipplei, Eng. & Big.
3847 var. spinosior, Eng. & Big.

## FICOIDEÆ.

CYPSELEA [2725]

3848 *humifusa, Turpin.*

GLINUS [2731]

3849 Cambessidesii, Fenzl.

MESEMBRIANTHEMUM [2716]

3850 *æquilaterale, Haworth.*
3851 *crystallinum, L.*
3852 *nodiflorum, Haworth.*

MOLLUGO [2739]

3853 Cerviana, Seringe.
3854 verticillata, L.
3855 var. scrobiculata, Rohrb.

SESUVIUM [2723]

3856 pentandrum, Ell.
3857 Portulacastrum, L.
3858 var. subsessile, Gray.

TRIANTHEMA [2724]

3859 monogyna, L.

## UMBELLIFERÆ.

**ÆGOPODIUM** 2813
3860 *Podagraria*, *L.*
**ÆTHUSA** 2858
3861 *Cynapium*, *L.*
**ALETES** 2799 2
3862 acaulis, Coulter & Rose.
**AMMI** 2803
3363 *majus*, *L.*
**AMMOSELINUM** 2826
3864 Butleri, Coult. & Rose.
3865 Popei, T. & G.
**ANGELICA** 2881
3866 arguta, Nutt.
3867 atropurpurea, L.
3868 Breweri, Gray.
3869 Canbyi, Coult. & Rose.
3870 Curtisii, Buckl.
3871 Dawsoni, Watson.
3872 dentata, Coult. & Rose.
3873 genuflexa, Nutt.
3874 Hendersoni, Coult. & Rose.
3875 hirsuta, Muhl.
3876 leporina, Watson.
3877 lineariloba, Gray.
3878 lucida, L. ?
3879 Lyallii, Watson.
3880 pinnata, Watson.
3881 tomentosa, Watson.
3882 verticillata, Hook. ?
3883 Wheeleri, Watson.
**ANTHRISCUS** 2829
3884 *Cerefolium*, *Hoffm.*
3885 *sylvestris*, *Hoffm.*
3886 *vulgaris*, *Pres.*
**APIASTRUM** 2800
3887 angustifolium, Nutt.
**APIUM** 2799
3888 *graveolens*, *L.*
3889 leptophyllum, F. Muell.
3890 *nodiflorum*, *Benth. & Hook.*
**BERULA** (2812)
3891 angustifolia, Koch.
**BIFORA** 2901
3892 Americana, Benth. & Hook.
**BOWLESIA** 2751
3893 lobata, Ruiz & Pav.
**BUPLEURUM** 2792
3894 Americanum, Coult. & Rose.
3895 *rotundifolium*, *L.*
**CARUM** 2806
3896 *Carui*, *L.*
3897 Gairdneri, Benth. & Hook.
3898 var. latifolium, Gray.
3899 Kelloggii, Gray.
3900 Lemmoni, Coult. & Rose.
3901 Oreganum, Watson.
3902 *Petroselinum*, *Benth.*
**CAUCALIS** 2908
3903 *Anthriscus*, *Huds.*
3904 microcarpa, Hook. & Arn.
3905 *nodosa*, *Huds.*
**CHÆROPHYLLUM** 2825
3906 procumbens, Crantz.
3907 var. dasycarpum, C. & R.
3908 var. Shortii, T. & G.
3909 var. Tainturieri, C. & R.
**CICUTA** 2802
3910 Bolanderi, Watson.
3911 bulbifera, L.
3912 Californica, Gray.
3913 maculata, L.
3914 v. angustifolia, Wats. in herb.
3915 occidentalis, Greene.
3916 purpurata, Greene.
3917 vagans, Greene.
**CŒLOPLEURUM** (2882)
3918 Gmelini, Ledeb.
3919 maritimum, Coult. & Rose.
**COLOPTERA** 2890
3920 Jonesii, Coult. & Rose.
3921 Newberryi, Coult. & Rose.
3922 Parryi, Coult. & Rose.
**CONIOSELINUM** (2871)
3923 Canadense, T. & G.
**CONIUM** 2776
3924 *maculatum*, *L.*
**CORIANDRUM** 2900
3925 *sativum*, *L.*
**CRANTZIA** 2854
3926 lineata, Nutt.
**CRYPTOTÆNIA** 2818
3927 Canadensis, DC.
**CYMOPTERUS** 2870
3928 campestris, T. & G.
3929 cinerarius, Gray.
3930 corrugatus, Jones.
3931 Fendleri, Gray.
3932 glaucus, Nutt.
3933 globosus, Watson.
3934 glomeratus, Raf.
3935 Jonesii, Coult. & Rose.
3936 longipes, Watson.
3937 montanus, T. & G.

3938 var. purpurascens, Gray.
3939 nivalis, Watson.
3940 purpureus, Watson.
S 3941 terebinthinus, T. & G.

CYNOSCIAD UM 2855

3942 digitatum, DC.
3943 pinnatum, DC.
3944 var. pumilum, Eng. & Gr.

DAUCUS 2907

C S 3945 *Carota, L.*
S 3946 pusillus, Michx.

DISCOPLEURA 2856

S 3947 capillacea, DC.
3948 laciniata, Benth. & Hook.
S 3949 Nuttallii, DC.

ERIGENIA 2790

C S 3950 bulbosa, Nutt.

ERYNGIUM 2756

3951 armatum, Coult. & Rose.
S 3952 aromaticum, Baldw.
S 3953 articulatum, Hook.
3954 var. microcephalum, C. & R.
3955 Baldwinii, Spreng.
3956 diffusum, Torr.
3957 Floridanum, Coult. & Rose.
3958 fœtidum, L.
3959 Harknessii, Curran.
3960 Hookeri, Walp.
3961 Leavenworthii, T. & G.
3962 Lemmoni, Coult. & Rose.
3963 ongifol um, Cav.
3964 Mettaueri Wood.
3965 nasturtiifolium, Juss.
3966 petiolatum, Hook.
3967 var minimum, C. & R.
3968 phyteumatos, Delar.
3969 præaltum, Gray.
S 3970 prostratum, Nutt.
3971 Ravenelii, Gray.
S 3972 virgatum, Lam.
3973 var. Ludovicianum, Morong.
3974 Vaseyi, Coult. & Rose.
S 3975 Virginianum, Lam.
3976 Wrightii, Gray.
C S 3977 yuccæfolium, Michx.
S 3978 var. synchætum, Gray.

EULOPHUS 2786

3979 Americanus, Nutt.
3980 Bolanderi, Coult. & Rose.
3981 Californicus, Coult. & Rose.
3982 Parishii, Coult. & Rose.
3983 var Rusbyi, Coult. & Rose.
3984 Pringlei Coult. & Rose.
3985 var. simplex, Coult. & Rose.

EURYTÆNIA 2857

3986 Texana, T. & G.

FŒNICULUM 2840

S 3987 *officinale, All.*

HARBOUR A 2799

S 3988 trachypleura, Coult. & Rose.

HERACLEUM 2888

C S 3989 lanatum, Michx.

HYDROCOTYLE 2740

C S 3990 Americana, L.
S 3991 Asiatica, L.
3992 var. Floridana, C. & R.
3993 Bonariensis, Lam., var. Texana, Coult. & Rose.
3994 Canbyi, Coult. & Rose.
S 3995 prolifera, Kellogg.
3996 ranunculoides, L. f.
S 3997 umbellata, L.
S 3998 verticillata, Thunb.

LEPTOCAULIS (2799)

3999 echinatus, Nutt.
S 4000 divaricatus, DC.
S 4001 patens, Nutt.

LEPTOTÆNIA 2889

4002 anomala, Coult. & Rose.
4003 Californica, Nutt.
4004 dissecta, Nutt.
4005 Eatoni, Coult. & Rose.
S 4006 multifida, Nutt.
S 4007 purpurea, Coult. & Rose.
S 4008 Watsoni, Coult. & Rose.

LIGUSTICUM 2871

S 4009 actæifolium, Michx.
4010 apiifolium, Benth. & Hook.
4011 Canbyi, Coult. & Rose.
4012 filicinum, Watson.
4013 Grayi, Coult. & Rose.
4014 Porteri, Coult. & Rose.
4015 scopulorum Gray.
C S 4016 Scoticum, L.
4017 tenuifolium, Watson.

MUSEN OPSIS 2782

4018 Texana, Coult. & Rose.

MUSENIUM 2778

4019 d varicatum, Nutt.
S 4020 tenuifolium, Nutt.
S 4021 trachyspermum, Nutt.

ŒNANTHE 2853
4022 Californica, Watson.
4023 sarmentosa, Presl.
OREOXIS 2871
S 4024 humilis, Raf.
OROGEN A 2789
4025 fusiformis, Watson.
4026 var. Leibergi, Coult. & Rose.
4027 linearifolia, Watson.
OSMORHIZA 2822
S 4028 ambigua, Coult. & Rose.
4029 brachypoda, Torr.
CS 4030 brevistylis, DC.
CS 4031 longistylis, DC.
S 4032 nuda, Torr.
4033 occidentalis, Torr.
4034 var. Bolanderi, C. & R.
PASTINACA (2886)
CS 4035 *sativa*, *L.*
PEUCEDANUM 2886
S 4036 ambiguum, Nutt.
4037 var. leptocarpum, C. & R.
4038 Austinæ, Coult. & Rose.
4039 bicolor, Watson.
4040 Brandegei, Coult. & Rose.
4041 Canbyi, Coult. & Rose.
4042 caruifolium, T. & G.
S 4043 circumdatum, Watson.
4044 Cous, Watson.
4045 crittatum, Coult. & Rose.
4046 Cusickii, Watson.
4047 dasycarpum, T. & G.
4048 Donnellii, Coult. & Rose.
4049 eurycarpum Coult. & Rose.
4050 Euryptera, Gray.
4051 farinosum, Geyer.
S 4052 fœniculaceum, Nutt.
S 4053 Geyeri, Watson.
S 4054 *graveolens, Benth. & Hook.*
S 4055 Grayi, Coult. & Rose.
4056 Hallii, Watson.
4057 Hassei, Coult. & Rose.
4058 Hendersoni, Coult. & Rose.
4059 Howellii, Watson.
4060 Kingii, Watson.
4061 var. alpinum, C. & R.
4062 lævigatum, Nutt.
4063 leiocarpum, Nutt.
4064 Lemmoni, Coult. & Rose.
S 4065 macrocarpum, Nutt.
4066 Martindalei, Coult. & Rose.
S 4067 var. angustatum, C. & R.
4068 m crocarpum Howell.
4069 Mohavense, Coult. & Rose.
4070 Nevadense, Watson.
S 4071 nudicaule, Nutt.
4072 Nuttall'i, Watson.
4073 Oreganum, Coult. & Rose.
4074 Parishii Coult. & Rose.
4075 Parryi, Watson.
4076 parvifolium, T. & G.
4077 Plummeræ, Coult. & Rose.
4078 Sandbergii, Coult. & Rose.
S 4079 simplex, Nutt.
4080 Suksdorfii, Watson.
4081 Torreyi, Coult. & Rose.
4082 tomentosum, Benth.
S 4083 triternatum, Nutt.
4084 var. alatum, Coult. & Rose.
S 4085 var. brevifolium, C. & R.
4086 var. macrocarpum, C. & R.
4087 utriculatum, Nutt.
S 4088 Vaseyi, Coult. & Rose.
4089 villosum, Nutt.
4090 Watsoni, Coult. & Rose.
PHELLOPTERUS 2849
4091 littoralis, Schmidt.
PIMPINELLA 2814
4092 apiodora, Gray.
4093 var. nudicaulis, Gray.
CS 4094 integerrima, Benth. & Hook.
4095 *Saxifraga, L., var. major, Koch.*
PODISTERA 2815
4096 Nevadensis, Watson.
POLYTÆNIA 2890
4097 Nuttallii, DC.
PSEUDOCYMOPTERUS 2886
4098 anisatus, Coult. & Rose.
4099 bipinnatus, Coult. & Rose.
S 4100 montanus, Coult. & Rose.
4101 var. purpureus, C. & R.
4102 var. tenuifolius, C. & R.
SANICULA 2763
4103 arctopoides, Hook. & Arn.
4104 bipinnata, Hook. & Arn.
4105 bipinnatifida, Dougl.
4106 Howellii, Coult. & Rose.
4107 laciniata, Hook. & Arn.
4108 maritima, Kellogg.

4109 Marylandica, L.
4110 var. Canadensis, Torr.
4111 Menziesi Hook. & Arn.
4112 Nevadensis, Watson.
4113 tuberosa, Torr.

SCANDIX 2828
4114 *Pecten*, *L.*

SELINUM 2876
4115 Benthami, Watson.
4116 Dawsoni Coult. & Rose.
4117 capitellatum, Benth. & Hook.
4118 Grayi, Coult. & Rose.
4119 Hookeri, Watson.
4120 Kingii, Watson.
4121 Pacificum, Watson.

SIUM 2812
4122 Carsonii, Durand.
4123 cicutæfolium, Gmel.
4124 heterophyllum, Greene.

TÆNIOPLEURUM 2806
4125 Howellii, Coult. & Rose.

THASPIUM 2875
4126 aureum, Nutt.
4127 var. atropurpureum, C. & R.
4128 var. nvolucratum, C. & R.
4129 var. trifoliatum, C. & R.
4130 barbinode, Nutt.
4131 var angustifolium, C. & R.
4132 pinnatifidum, Gray.

TIEDEMANNIA (2886)
4133 Fendleri, Coult. & Rose.
4134 rigida, Coult. & Rose.
4135 var ambigua, C. & R.
4136 teretifolia, DC.
4137 ternata, Coult. & Rose.

TREPOCARPUS 2903
4138 Æthusæ, Nutt.

VELÆA (2782)
4139 arguta, Coult. & Rose.
4140 var. ternata, Coult. & Rose.
4141 Hartwegi, Coult. & Rose.
4142 Howellii, Coult. & Rose.
4143 Kelloggii, Coult. & Rose.
4144 Parishii, Coult. & Rose.
4145 vestita, Coult. & Rose.

ZIZIA (2806)
4146 aurea, Koch.
4147 var. Bebbii, Coult. & Rose.
4148 cordata, DC.

## ARALIACEÆ.

ARALIA 2923
4149 Californica, Watson.
4150 hispida, Vent.
4151 humilis, Cav.
4152 nudicaulis, L.
4153 quinquefolia, Dec. & Planch.
4154 racemosa, L.
4155 spinosa, L.
4156 trifolia, Decsne. & Planch.

FATSIA 2940
4157 horrida, Benth. & Hook.

HEDERA 2963
4158 *Helix*, *L.*

## CORNACEÆ.

CORNUS 2974
4159 alternifolia, L. f.
4160 asperifolia, Michx.
4161 var. Drummondii, C. & E.
4162 Baileyi, Coult. & Evans.
4163 Canadensis, L.
4164 circinata, L'Her.
4165 florida, L.
4166 glabrata, Benth.
4167 Greenei, Coult. & Evans.
4168 Nuttallii, Audubon.
4169 paniculata, L'Her.
4170 pubescens, Nutt.
4171 var. Californica, C. & E.
4172 sericea, L.
4173 sessilis, Torr.
4174 stolonifera, Michx.
4175 stricta, Lam.
4176 Suecica, L.
4177 Torreyi, Watson.
4178 Unalaskensis, Ledeb.

GARRYA 2978
4179 buxifolia, Gray.
4180 elliptica, Dougl.
4181 Fremontii, Torr.
4182 ovata, Benth.
4183 var. Lindheimeri, C. & E.
4184 Veatchii, Kellogg.
4185 var. flavescens, C. & E.
4186 Wrightii, Torr.

NYSSA 2982
4187 aquatica, L.
4188 biflora, Walt.
4189 Ogeche, Marsh.

4190 uniflora, Wangenh.

## CAPRIFOLIACEÆ.

ADOXA 2986
4191 Moschatellina, L.

DIERVILLA 2987
4192 rivularis, Gattinger.
4193 sessilifolia, Buckl.
4194 trifida, Moench.

LINNÆA 2994
4195 borealis, L.
4196 var. longiflora, Torr.

LONICERA 2995
4197 albiflora, T. & G.
4198 cærulea, L.
4199 ciliata, Muhl.
4200 ciliosa, Poir.
4201 conjugialis, Kellogg.
4202 flava, Sims.
4203 glauca, Hill.
4204 grata, Ait.
4205 hirsuta, Eaton.
4206 hispidula, Dougl.
4207 var. interrupta, Gray.
4208 var. subspicata, Gray.
4209 var. vacillans, Gray.
4210 involucrata, Banks.
4211 oblongifolia, Muhl.
4212 sempervirens, A t.
4213 Sullivantii, Gray.
4214 Utahensis, Watson.

SAMBUCUS 2987
4215 Canadensis, L.
4216 var. laciniata, Gray.
4217 glauca, Nutt.
4218 melanocarpa, Gray.
4219 Mexicana, Presl.
4220 racemosa L.
4221 var. arborescens, T. & G.
4222 var. laciniata, Koch.

SYMPHORICARPOS 2991
4223 longiflorus, Gray.
4224 mollis, Nutt.
4225 var. acutus, Gray.
4226 occidentalis, Hook.
4227 oreophilus, Gray.
4228 racemosus, Michx.
4229 var pauciflorus, Robbins.
4230 rotundifolius, Gray.
4231 vulgaris, Michx.
4232 var. spicatus, Gray.

TRIOSTEUM 2990
4233 angustifolium, L.
4234 perfoliatum, L.

VIBURNUM 2988
4235 acerifolium, L.
4236 cassinoides, L.
4237 densiflorum, Chapm.
4238 dentatum, L.
4239 ellipticum, Hook.
4240 lantanoides, Michx.
4241 Lentago, L.
4242 molle, Michx.
4243 nudum, L.
4244 var. angustifolium, T. & G.
4245 var. grandifolium, Gray.
4246 var. serotinum, Ravenel.
4247 obovatum, Walt.
4248 Opulus, L.
4249 pauciflorum, Pylaie.
4250 prunifolium, L.
4251 pubescens, Pursh.

## RUBIACEÆ.

BOUVARDIA 3023
4252 ovata, Gray
4253 triphylla, Salisb.
4254 var. angustifolia, Gray.

CATESBÆA 3161
4255 parviflora, Swartz.

CEPHALANTHUS 3062
4256 occidentalis, L.

CHIOCOCCA 3229
4257 racemosa, L.

CRUSEA 3347
4258 allococca, Gray.
4259 subulata, Gray.
4260 Wrightii, Gray.

DIODIA 3346
4261 teres, Walt.
4262 var. angustata, Gray.
4263 Virginiana, L.

ER THALIS 3227
4264 fruticosa, L.

ERNODEA 3343
4265 l ttoralis, Swartz.

EXOSTEMA 3044
4266 Caribæum, Roem. & Schult.

GALIUM 3365
4267 Andrewsii, Gray.
4268 *Anglicum, Huds.*
4269 angustifolium, Nutt.
4270 Aparine, L.
4271 var. Vaillantii, Koch.

S 4272 Arkansanum Gray.
4273 asperrimum, Gray.
CS 4274 asprellum, Michx.
4275 bifolium, Watson.
4276 Bolanderi, Gray.
CS 4277 boreale, L.
4278 Brandegei Gray.
4279 buxifol um, Greene.
S 4280 Californicum, Hook. & Arn.
4281 Catalinense, Gray.
CS 4282 circæzans, Michx.
S 4283 concinnum, T. & G.
4284 Fendleri, Gray.
4285 flaccidum, Greene.
4286 hispidulum Michx. Minn
S 4287 Kamtschaticum, Steller.
CS 4288 lanceolatum, Torr Minn
4289 latifolium, Michx. Flat
4290 Matthewsii, Gray. Wang
4291 microphyllum, Gray. Tenn R
4292 Miguelense, Greene.
4293 *Mollugo, L.* WNM
S 4294 multiflorum, Kellogg.
4295 var. h rsi tum, Gray.
4296 var. Watsoni, Gray.
4297 Nuttallii, Gray.
S 4298 pilosum, Ait.
4299 var. puncticulosum, T. & G.
4300 proliferum, Gray.
4301 pubens, Gray.
4302 Rothrockii. Gray.
4303 stellatum, Kellogg. Flat
4304 Texense, Gray.
4305 *tricorne, With.*
CS 4306 trifidum, L.
S 4307 var. latifolium, Torr.
CS 4308 var. pusi lum, Gray.
CS 4309 triflorum, Michx.
4310 uniflorum, Michx.
INC S 4311 *verum, L.*
S 4312 virgatum, Nutt.
4313 var. leiocarpum, T. & G.
4314 Wrightii, Gray. Flat

**GENIPA** 3183
4315 clusiæfolia, Griseb.

**GUETTARDA** 3213
4316 elliptica, Swartz. La.
4317 scabra, Lam.

**HAMELIA** 3145
4318 patens, Jacq.

**HOUSTONIA** 3093
4319 acerosa, Gray.
S 4320 angustifolia, Michx.
4321 var. filifolia, Gray.
4322 var. rigidiuscula, Gray.
CS 4323 cærulea, L.
4324 Croftiæ, Britton & Rusby.
4325 fasciculata, Gray.
4326 humifusa, Gray.
S 4327 minima, Beck. Tenn
S 4328 patens, Ell.
4329 var. pusilla, Gray.
S 4330 purpurea, L.
4331 var. calycosa, Gray.
S 4332 var. ciliolata, Gray.
CS 4333 var. longifolia, Gray.
S 4334 var. tenuifolia, Gray.
S 4335 rotundifolia, Michx.
S 4336 rubra, Cav.
S 4337 serpyllifolia, Michx.
4338 subviscosa, Gray.
S 4339 Wrightii, Gray.

**KELLOGGIA** 3326
S 4340 galioides, Torr.

**MITCHELLA** 3325
CS 4341 repens, L.

**MITRACARPUS** 3357
4342 breviflorus, Gray.

**MORINDA** 3269
4343 Roioc, L.

**OLDENLANDIA** 3089
4344 Boscii, Chapm.
S 4345 glomerata Michx. = uniflora L.
4346 Greenei, Gray.

**PENTODON** 3087
4347 Halei, Gray.

**PINCKNEYA** 3059
4348 pubens, Michx.

**PSYCHOTRIA** 3285
4349 tenuifolia, Swartz.
4350 undata, Jacq.

**RANDIA** 3179
4351 aculeata, L.

**RICHARDIA** 3358
S 4352 *scabra, L.* Flat

**SHERARDIA** 3371
4353 *arvensis, L.*

**SPERMACOCE** 3350
S 4354 glabra, Michx.
4355 parviflora, Hemsl.
4356 podocephala, Hemsl.
4357 Portoricensis, Balbis.

4358 tenuior, L., Lam.
STRUMPFIA 3288
4359 maritima, Jacq.

## VALERIANACEÆ.

VALERIANA 3377
4360 Arizonica, Gray.
4361 capitata, Pall.
S 4362 edulis, Nutt.
4363 pauciflora, Michx.
4364 scandens, L.
S 4365 Sitchensis, Bong.
4366 sorbifol a, HBK.
S 4367 sylvatica, Banks.
VALERIANELLA 3381
S 4368 amarella, Krok.
4369 anomala, Gray.
4370 aphanoptera, Gray.
4371 chenopodifolia, DC.
S 4372 congesta Lindl.
4373 longiflora, Walp.
S 4374 macrocera, Gray.
4375 Nuttallii, Walp.
S 4376 *olitoria, Poll.*
S 4377 radiata, Dufr.
4378 samolifolia, Gray.
4379 stenocarpa, Krok.
4380 Woodsiana, Walp.
4381 var. patellaria, Gray.
4382 var. umbilicata, Gray.

## DIPSACEÆ.

DIPSACUS 3384
4383 *fullonum, L.*
C S 4384 *sylvestris. Mill.*
SCABIOSA 3386
4385 *australis, Wulf.*

## COMPOSITÆ.

ACAMPTOPAPPUS 3469
4386 Shockleyi Gray.
4387 sphærocephalus, Gray.
ACANTHOSPERMUM 3762
4388 *humile, DC.*
4389 *xanthioides, DC.*
ACHILLEA 3950
C S 4390 Millefolium, L.
4391 mu tiflora, Hook.
4392 Ptarmica, L.
ACHYRACHÆNA 3877
S 4393 mollis, Schauer.
ACTINELLA 3936
C S 4394 acaulis, Nutt.
4395 var. glabra, Gray.
4396 argentea, Gray.
4397 biennis, Gray.
4398 Bigelovii, Gray.
4399 Brandegei, Porter.
4400 Cooperi, Gray.
4401 depressa, T. & G.
S 4402 grandiflora, T. & G.
4403 leptoclada, Gray.
4404 linearifolia, T. & G.
4405 odorata, Gray.
4406 Richardsonii, Nutt.
4407 Rusbyi, Gray.
S 4408 scaposa, Nutt.
S 4409 var. linearis, Nutt.
4410 Texana, Coult. & Rose.
4411 Vaseyi, Gray.
ACTINOMERIS 3831
4412 alba, T. & G.
C S 4413 squarrosa, Nutt.
ADENOCAULON 3737
S 4414 bicolor, Hook.
AGERATUM 3448
4415 conyzoides, L.
4416 corymbosum, Zucc.
4417 ittorale, Gray
AMBLYOLEPIS (3934)
4418 setigera, DC.
AMBLYOPAPPUS 3913
4419 pusillus, Hook. & Arn.
AMBROSIA 3769
S 4420 aptera, DC.
C S 4421 artemisiæfolia, L.
4422 bidentata, Michx.
4423 hispida, Pursh.
4424 longistylis, Nutt.
S 4425 psilostachya, DC.
4426 pumila, Gray.
C S 4427 trifida, L.
S 4428 var. integrifolia, T. & G.
AMPHIACHYRIS 3478
4429 dracunculoides, Nutt.
4430 Fremontii, Gray.
ANAPHALIS 3619
C S 443 margaritacea, Benth. & Hook.
AN SOCOMA 4196
4432 aca ıle, T. & G.
ANTENNARIA 3614
S 4433 alpina, Gaertn.
4434 argentea, Benth.
S 4435 Carpathica, R. Br.
S 4436 var. pulcherrima, Hook.

4437 dimorpha, T. & G.
4438 dioica, Gaertn.
4439 var. congesta, DC.
4440 flagellaris, Gray.
4441 Geyeri Gray
4442 uzuloides, T. & G.
4443 microcephala, Gray.
4444 plantaginifolia, Hook.
4445 racemosa, Hook.
4446 stenophylla, Gray.

ANTHEMIS 3953

4447 *arvensis, L.*
4448 *Cotula, DC.*
4449 *nobilis, L.*
4450 *tinctoria, L.*

APARGIDIUM 4200

4451 boreale, T. & G.

APHANTOSTEPHUS 3513

4452 Arizonicus, Gray.
4453 Arkansanus, Gray.
4454 var. Hallii, Gray.
4455 humilis, Gray.
4456 ramosissimus, DC.

APLOPAPPUS 3488

4457 acaulis, Gray
4458 var. glabratus, Eaton.
4459 apargioides, Gray.
4460 armerioides, Gray.
4461 aureus, Gray.
4462 Bloomeri, Gray.
4463 Brandegei, Gray.
4464 carthamoides, Gray.
4465 var. Cusickii, Gray.
4466 var. maximus, Gray.
4467 ciliatus, DC.
4468 croceus, Gray.
4469 c meatus, Gray.
4470 divaricatus, Gray.
4471 ericoides, Hook. & Arn.
4472 Fremonti, Gray.
4473 var. Wardi, Gray.
4474 gracilis, Gray.
4475 Greenei, Gray.
4476 var. mollis, Gray.
4477 Hallii, Gray.
4478 hirtus, Gray.
4479 Hookerianus, Gray.
4480 Howellii, Gray.
4481 integrifolius, Porter.
4482 lanceolatus, T. & G.
4483 var. tenuicaulis, Gray.
4484 var. Vaseyi, Parry.
4485 lanuginosus, Gray.
4486 laricifolius, Gray
4487 linearifolius, DC.
4488 Lyallii, Gray.
4489 Macronema, Gray.
4490 monactis, Gray.
4491 multicaulis, Gray.
4492 nanus, Eaton.
4493 var. cervinus, Gray.
4494 Nealleyi, Coult.
4495 Nuttallii, T. & G.
4496 Palmeri, Gray.
4497 Parryi, Gray.
4498 pinifolius, Gray.
4499 pygmæus, Gray.
4500 racemosus, Torr.
4501 var. glomerel us, Gray.
4502 var. stenocephalus, Gray.
4503 var. virgatus, Gray.
4504 rubiginosus, T. & G.
4505 var. phyllocephalus, Gray.
4506 spinulosus, DC.
4507 squarrosus, Hook. & Arn.
4508 stenophyllus, Gray.
4509 suffruticosus, Gray.
4510 Texanus, Coult.
4511 uniflorus, T. & G.
4512 Watsoni, Gray.
4513 Whitneyi, Gray.

APOGON 4181

4514 gracilis, DC.
4515 humilis, Ell.
4516 Wrightii, Gray.

ARCTIUM 4076

4517 *Lappa, L.*
4518 *var. majus, Gray.*
4519 *var. minus, Gray.*
4520 *var. tomentosum, Gray.*

ARNICA 4002

4521 alpina, Olin.
4522 var. Lessingii, T. & G.
4523 amplexicaulis, Nutt.
4524 Chamissonis, Less.
4525 cordifolia, Hook.
4526 var. eradiata, Gray.
4527 discoidea, Benth.
4528 foliosa, Nutt.
4529 var. incana, Gray.

4530 latifolia, Bong.
4531 var. viscidula, Gray.
4532 longifolia, Eaton.
4533 Nevadensis, Gray.
4534 nudicaulis, Nutt.
4535 obtusifolia, Less.
4536 Parryi, Gray.
4537 parviflora, Gray.
4538 Unalaschensis, Less.
4539 viscosa, Gray.

ARTEMISIA 3999

4540 *Abrotanum*, *L.*
4541 *Absinthium*, *L.*
4542 *annua*, *L.*
4543 arbuscula, Nutt.
4544 biennis, Willd.
4545 Bigelovii, Gray.
4546 Bolanderi, Gray.
4547 borealis, Pall.
4548 var. Wormskioldii, Bess.
4549 Californica, Less.
4550 cana, Pursh.
4551 Canadensis, Michx.
4552 caudata, Michx.
4553 discolor, Dougl.
4554 var. incompta, Gray.
4555 dracunculoides, Pursh.
4556 filifolia, Torr.
4557 Forwoodii, Watson.
4558 franserioides, Greene.
4559 frigida, Willd.
4560 glauca, Pall.
4561 globularia, Cham.
4562 glomerata, Ledeb.
4563 Lindleyana, Bess.
4564 longifolia, Nutt.
4565 Ludoviciana, Nutt.
4566 Mexicana, Willd.
4567 Norvegica, Fries.
4568 var. Pacifica, Gray.
4569 Palmeri, Gray.
4570 Parishii, Gray.
4571 Parryi, Gray.
4572 Pattersoni, Gray.
4573 pedatifida, Nutt.
4574 Prescottiana, Bess.
4575 *procera*, *Willd.*
4576 pycnocephala, DC.
4577 pygmæa, Gray.
4578 redolens, Gray.
4579 Richardsoniana, Bess.
4580 rigida, Gray.
4581 Rothrockii, Gray.
4582 scopulorum, Gray.
4583 Senjavinensis, Bess.
4584 serrata, Nutt.
4585 spinescens, Eaton.
4586 Stelleriana, Bess.
4587 tridentata, Nutt.
4588 var. angustifolia, Gray.
4589 trifida, Nutt.
4590 vulgaris, L.
4591 var. Californica, Bess.
4592 var. Tilesii, Ledeb.
4593 Wrightii, Gray.

ASTER 3544

4594 acuminatus, Michx.
4595 adnatus, Nutt.
4596 adscendens, Lindl.
4597 var. denudatus, T. & G.
4598 var. Yosemitanus, Gray.
4599 alpinus, L.
4600 amethystinus, Nutt.
4601 amplus, Lindl.
4602 Andersoni, Gray.
4603 Andinus, Nutt.
4604 angustus, T. & G.
4605 anomalus, Engelm.
4606 arenarioides, Eaton.
4607 azureus, Lindl.
4608 Bigelovii, Gray.
4609 blepharophyllus, Gray.
4610 brickellioides, Greene.
4611 var. glabratus, Greene.
4612 campestris, Nutt.
4613 var. Bloomeri, Gray.
4614 canescens, Pursh.
4615 var. latifolius, Gray.
4616 var. tephrodes, Gray.
4617 var. viridis, Gray.
4618 var. viscosus, Gray.
4619 carnosus, Gray.
4620 Carolinianus, Walt.
4621 Chamissonis, Gray.
4622 Chapmani, T. & G.
4623 Coloradoensis, Gray.
4624 commutatus, Gray.
4625 concinnus, Willd.
4626 concolor, L.
4627 conspicuus, Lindl.

4628 cordifolius, L.
4629 var. lævigatus, Porter.
4630 corymbosus, Ait.
4631 Curtisii, T. & G.
4632 Cusickii, Gray.
4633 var. Lyalli, Gray.
4634 diffusus, Ait.
4635 var. bifrons, Gray.
4636 var. hirsuticaulis, Gray.
4637 var. horizontalis, Gray.
4638 var. thyrsoideus, Gray.
4639 Douglasii, Lindl.
4640 Drummondii, Lindl.
4641 dumosus, L.
4642 var. coridifolius, T. & G.
4643 var. subulæfolius, T. & G.
4644 elegans, T. & G.
4645 Elliottii, T. & G.
4646 Engelmanni, Gray.
4647 var. glaucescens, Gray.
4648 var. ledophyllus, Gray.
4649 ericæfolius, Rothrock.
4650 var. tenuis, Gray.
4351 ericoides, L.
4652 var. Pringlei, Gray.
4353 var. pusillus, Gray.
4654 var. Reevesii, Gray.
4655 var. villosus, T. & G.
4656 eryngiifolius, T. & G.
4657 exilis, Ell.
4658 var. australis, Gray.
4659 falcatus, Lindl.
4660 Fendleri, Gray.
4661 foliaceus, Lindl.
4662 var. apricus, Gray.
4663 var. Burkei, Gray.
4664 var. Canbyi, Gray.
4665 var. Eatoni, Gray.
4666 var. frondeus, Gray.
4667 var. Parryi, Gray.
4668 var. pubescens, Gray.
4669 Forwoodii, Watson.
4670 Fremonti, Gray.
4671 var. Parishii, Gray.
4672 frondosus, T. & G.
4673 glaucus, T. & G.
4674 gracilis, Nutt.
4675 grandiflorus, L.
4676 gymnocephalus, Gray.
4677 Hallii, Gray.
4678 Herveyi, Gray.
4679 hesperius, Gray.
4680 infirmus, Michx.
4681 integrifolius, Nutt.
4682 junceus, Ait.
4683 Kingii, Eaton.
4684 lævis, L.
4685 var. Geyeri, Gray.
4686 Lemmoni, Gray.
4687 linariifolius, L.
4688 Lindleyanus, T. & G.
4689 var. ciliolatus, Gray.
4690 longifolius, Lam.
4691 var. villicaulis, Gray.
4692 macrophyllus, L.
4693 Menziesii, Lindl.
4694 mirabilis, T. & G.
4695 modestus, Lindl.
4696 multiflorus, Ait.
4697 nemoralis, Ait.
4698 Novæ-Angliæ, L.
4699 var. roseus, DC.
4700 Novi-Belgii, L.
4701 var. elodes, Gray.
4702 var. lævigatus, Gray.
4703 var. litoreus, Gray.
4704 var. thyrsiflorus, Gray.
4705 oblongifolius, Nutt.
4706 var. rigidulus, Gray.
4707 occidentalis, T. & G.
4708 var. intermedius, Gray.
4709 var. scabriusculus, Gray.
4710 Orcuttii, Vasey & Rose.
4711 Oreganus, Nutt.
4712 Palmeri, Gray.
4713 paludosus, Ait.
4714 paniculatus, Lam.
4715 Parryi, Gray.
4716 parviflorus, Gray.
4717 patens, Ait.
4718 var. gracilis, Hook.
4719 var. phlogifolius, Nees.
4720 Pattersoni, Gray.
4721 patulus, Lam.
4722 pauciflorus, Nutt.
4723 var. gracillimus, Gray.
4724 peregrinus, Pursh.
4725 phyllolepis, T. & G.

4726 polyphyllus, Willd.
4727 Porteri, Gray.
4728 prenanthoides, Muhl.
4729 var. longifolius, Porter.
4730 ptarmicoides, T. & G.
4731 var. Georgianus, Gray.
4732 var. lutescens, Gray.
4733 pulchellus, Eaton.
4734 puniceus, L.
4735 var. lævicaulis, Gray.
4736 var. lucidulus, Gray.
4737 pygmæus, Lindl.
4738 racemosus, Ell.
4739 radula, Ait.
4740 var. strictus, Gray.
4741 radulinus, Gray.
4742 reticulatus, Pursh.
4743 riparius, HBK.
4744 sagittifolius, Willd.
4745 salicifolius, (Lam.?) Ait.
4746 var. cærulescens, Gray.
4747 var. subasper, Gray.
4748 scopulorum, Gray.
4749 sericeus, Vent.
4750 var. montanus, Gray.
4751 Shastensis, Gray.
4752 Shortii, Hook.
4753 Sibiricus, L.
4754 var. giganteus, Gray.
4755 spathulatus, Lindl.
4756 spectabilis, Ait.
4757 spinosus, Benth.
4758 spinulosus, Chapm.
4759 squarrosus, Walt.
4760 stenomeres, Gray.
4761 subulatus, Michx.
4762 surculosus, Michx.
4763 tanacetifolius, HBK.
4764 var. pygmæus, Gray.
4765 tardiflorus, L.
4766 tenuifolius, L.
4767 Torreyi, Porter.
4768 tortifolius, Gray.
4769 Tradescanti, L.
4770 turbinellus, Lindl.
4771 umbellatus, Mill.
4772 var. latifolius, Gray.
4773 var. pubens, Gray.
4774 undulatus, L.
4775 var. diversifolius, Gray.
4776 versicolor, Willd.
4777 yimineus, Lam.
4778 var. foliolosus, Gray.
4779 virgatus, Ell.
4780 Watsoni, Gray.
4781 Wrightii, Gray.
4782 Xylorrhiza, T. & G.

**ATRICHOSERIS** 4175

4783 platyphylla, Gray.

**BACCHARIS** 3675

4784 angustifolia, Michx.
4785 Bigelovii, Gray.
4786 brachyphylla, Gray.
4787 consanguinea, Greene.
4788 Douglasii, DC.
4789 Emoryi, Gray.
4790 glomeruliflora, Pers.
4791 glutinosa, Pers.
4792 halimifolia, L.
4793 Havardi, Gray.
4794 pilularis, DC.
4795 Plummeræ, Gray.
4796 pteronioides, DC.
4797 salicina, T. & G.
4798 sarothroides, Gray.
4799 sergiloides, Gray.
4800 Texana, Gray.
4801 thesioides, HBK.
4802 viminea, DC.
4803 Wrightii, Gray.

**BAERIA** 3669

4804 affinis, Gray.
4805 anthemoides, Gray.
4806 Burkei, Greene.
4807 carnosa, Greene.
4808 chrysostoma, Fisch. & Mey.
4809 Clevelandi, Gray.
4810 coronaria, Gray.
4811 curta, Gray.
4812 debilis, Greene.
4813 Fremonti, Gray.
4814 gracilis, Gray.
4815 var. aristosa, Gray.
4816 var. paleacea, Gray.
4817 var. tenerrima, Gray.
4818 leptalea, Gray.
4819 macrantha, Gray.
4820 var. pauciaristata, Gray.
4821 maritima, Gray.
4822 mutica, Gray.

4823 Palmeri, Gray, var. Clementina, Gray.
4824 Parishii, Watson.
4825 platycarpha, Gray.
4826 tenella, Gray.
S 4827 uliginosa, Gray.
4828 var. tenera, Gray.

**BAHIA** 3901

4829 absinthifolia, Benth.
4830 var. dealbata, Gray.
4831 Bigelovii, Gray.
4832 biternata, Gray.
4833 chrysanthemoides, Gray.
4834 Neo-Mexicana, Gray.
4835 nudicaulis, Gray.
4836 oblongifolia, Gray.
4837 oppositifolia, Nutt.
4838 Palmeri, Watson.
4839 pedata, Gray.
4840 Woodhousei, Gray.

**BAILEYA** 3895

L 4841 multiradiata, Harv. & Gray.
4842 var. nudicaulis, Gray.
4843 pauciradiata, Harv. & Gray.

**BALDWINIA** 3863

S 4844 multiflora, Nutt.
S 4845 uniflora, Nutt.

**BALSAMORHIZA** 3803

4846 Bolanderi, Gray.
4847 Careyana, Gray.
S 4848 deltoidea, Nutt.
4849 hirsuta, Nutt.
4850 Hookeri, Nutt.
4851 var. incana, Gray.
4852 macrophylla, Nutt.
S 4853 sagittata, Nutt.
4854 terebinthacea, Nutt.

**BARTLETTIA** 4305

4855 scaposa, Gray.

**BEBBIA** 3473

4856 juncea, Greene.

**BELLIS** 3625

4857 integrifolia, Michx.
S 4858 *perennis*, L.

**BERLANDIERA** 3755

S 4859 lyrata, Benth.
4860 var. macrophylla, Gray.
4861 subacaulis, Nutt.
4862 Texana, DC.
4863 var. betonicifolia, T. & G.
S 4864 tomentosa, Nutt.
4865 var. dealbata, T. & G.

**BIDENS** 3856

S 4866 Beckii, Torr.
4867 Bigelovii, Gray.
S 4868 bipinnata, L.
S 4869 cernua, L.
S 4870 chrysanthemoides, Michx.
S 4871 connata, Muhl.
S 4872 var. comosa, Gray.
S 4873 var. pinnata, Watson.
S 4874 frondosa, L.
4875 heterophylla, Ort.
4876 var. Wrightii, Gray.
4877 heterosperma, Gray.
4878 Lemmoni, Gray.
4879 leucantha, Willd.
4880 pilosa, L.
4881 procera, Don.
4882 tenuisecta, Gray.

**BIGELOVIA** 3491

4883 acradenia, Greene.
4884 albida, Jones.
4885 arborescens, Gray.
4886 Bigelovii, Gray.
4887 Bolanderi, Gray.
4888 brachylepis, Gray.
4889 ceruminosa, Gray.
4890 Cooperi, Gray.
4891 coronopifolia, Gray.
4892 depressa, Gray.
S 4893 Douglasii, Gray.
4894 var. lanceolata, Gray.
4895 var. latifolia, Gray.
4896 var. pumila, Gray.
4897 var. serrulata, Gray.
S 4898 var. stenophylla, Gray.
L S 4899 var. tortifolia, Gray.
4900 Drummondii, Gray.
4901 Engelmanni, Gray.
S 4902 graveolens, Gray.
4903 var. albicaulis, Gray.
S 4904 var. glabrata, Gray.
4905 var. hololeuca, Gray.
4906 var. latisquamea, Gray.
4907 Greenei, Gray.
4908 Hartwegi, Gray.
4909 Howardi, Gray.
4910 juncea, Greene.
4911 leiosperma, Gray.
4912 Mohavensis, Greene.

S 4913 Nevadensis, Gray.
S 4914 nudata, DC.
4915 var. virgata, T. & G.
4916 paniculata, Gray.
4917 Parishii, Greene.
4918 Parryi, Gray.
4919 pluriflora, Gray.
4920 pulchella, Gray.
4921 teretifolia, Gray.
4922 Vaseyi, Gray.
4923 veneta, Gray.
4924 var. sedoides, Greene.
4925 Wrighti Gray.
4926 var hirtella, Gray.

BLENNOSPERMA 3906

S 4927 Cal fornicum, T. & G.

BLEPHAR PAPPUS 3565

4928 lævis, Gray.
S 4929 scaber, Hook.
4930 var. subcalvus, Gray.

BOLTONIA 3539

S 4931 asteroides, L'Her.
4932 var. decurrens, Engelm.
4933 diffusa, Ell.
4934 latisquama, Gray.
4935 var. occidentalis, Gray.

BORRICHIA 3809

4936 arborescens, DC.
4937 frutescens, DC.

BRACHYCHÆTA 3496

S 4938 cordata, T. & G.

BRADBUR A 3483

4939 hirtella, T. & G.

BRICKELLIA 3465

4940 atractyloides, Gray.
4941 baccharidea, Gray.
4942 betonicæfolia, Gray.
4943 brachyphylla Gray.
S 4944 Californica, Gray.
S 4945 cordifolia, Ell.
4946 Coulteri Gray
4947 cylindracea, Gray & Engelm.
4948 var. laxa, Gray.
4949 floribunda, Gray.
4950 frutescens, Gray.
4951 grandiflora, Nutt.
4952 var. minor, Gray.
4953 var. petiolaris, Gray.
4954 Greenei, Gray.
4955 incana, Gray.
4956 Knappiana, Drew.
4957 laciniata, Gray.
4958 Lemmoni, Gray
4959 linifolia, Eaton.
4960 longifolia, Watson.
4961 microphylla, Gray.
4962 Mohavensis, Gray.
4963 multiflora, Kellogg.
4964 Nevinii, Gray.
S 4965 oblongifolia, Nutt.
4966 var abbreviata, Gray.
4967 oliganthes, Gray.
4968 var. crebra, Gray.
4969 parvula, Gray.
4970 Pringlei, Gray.
4971 Riddellii, Gray.
4972 Rusbyi, Gray.
4973 simplex, Gray.
4974 squamulosa, Gray.
4975 Wislizeni, Gray.
4976 var. lanceolata, Gray.
S 4977 Wrightii, Gray.
4978 var. reniformis, Gray.
4979 var. tenera, Gray.

BURRIELIA 3887

4980 microglossa, DC.

CACAL A (4025)

C S 4981 atriplicifolia, L.
4982 decomposita, Gray.
4983 diversifolia, T. & G.
4984 Floridana, Gray.
4985 lanceolata, Nutt.
4986 ovata, Ell.
S 4987 reniform s, Muhl.
S 4988 suaveolens, L.
S 4989 tuberosa, Nutt.

CACALIOPSIS 4026

4990 Nardosmia, Gray.

CALYCOSERIS 4203

4991 Parryi, Gray.
4992 Wrightii, Gray.

CARDUUS 4077

4993 *nutans*, *L.*

CARM NATIA 3454

4994 tenuiflora, DC.

CARPHEPHORUS 3472

4995 bellidifolius, T. & G.
A S 4996 corymbosus, T. & G.
4997 Pseudo-Liatris, Cass.
4998 tomentosus, T. & G.

CARPHOCHÆTE 3467

S 4999 Bigelovii, Gray.

**CENTAUREA** 4100
5000 Americana, Nutt.
5001 *benedicta*, *L.*
5002 *Calcitrapa*, *L.*
5003 *Cyanus*, *L.*
5004 *Jacea*, *L.*
5005 *Melitensis*, *L.*
5006 *nigra*, *L.*
5007 *solstitialis*, *L.*

**CHÆNACTIS** 3898
5008 artemisiæfolia, Gray.
5009 attenuata, Gray.
5010 brachypappa, Gray.
5011 carphoclinia, Gray.
5012 Cusickii, Gray.
5013 Douglasii, Hook. & Arn.
5014 var. alpina, Gray.
5015 Fremonti, Gray.
5016 glabriuscula, DC.
5017 heterocarpha, Gray.
5018 var. curta, Gray.
5019 lanosa, DC.
5020 macrantha, Eaton.
5021 Nevadensis, Gray.
5022 Nevii, Gray.
5023 Parishii, Gray.
5024 santol noides, Greene.
5025 stevioides, Hook. & Arn.
5026 suffrutescens, Gray.
5027 tenuifolia, Nutt.
5028 thysanocarpha, Gray.
5029 Xantiana Gray.

**CHÆTADELPHA** 4215
5030 Wheeleri, Gray.

**CHÆTOPAPPA** 3536
5031 asteroides, DC.
5032 var. imberbis, Gray.
5033 modesta, Gray.
5034 Parryi, Gray.

**CHAPTALIA** 4147
5035 nutans, Hemsl.
5036 Seemannii, Benth. & Hook.
5037 tomentosa Vent.

**CHONDR LLA** 4205
5038 *juncea*, *L.*

**CHRYSACTINIA** 3930
5039 Mexicana, Gray.

**CHRYSANTHEMUM** 3964
5040 arcticum, L.
5041 *Balsamita*, *L.*
5042 *var. tanacetoides*, *Boiss.*
5043 bipinnatum, L.
5044 integrifolium, Richards.
5045 *Leucanthemum*, *L.*
5046 *Parthenium*, *Pers.*

**CHRYSOGONUM** 3755
5047 Virginianum, L.
5048 var. dentatum, Gray.

**CHRYSOPSIS** 3485
5049 Breweri, Gray.
5050 falcata, Ell.
5051 gossypina, Nutt.
5052 graminifolia, Nutt.
5053 var aspera, Gray.
5054 hyssopifolia, Nutt.
5055 Mariana, Nutt.
5056 Oregana, Gray.
5057 var. scaberrima, Gray.
5058 pilosa, Nutt.
5059 pinifolia, Ell.
5060 scabrella, T. & G.
5061 trichophylla, Nutt.
5062 villosa, Nutt.
5063 var. canescens, Gray.
5064 var. d scoidea, Gray.
5065 var. echioides, Gray.
5066 var. foliosa, Eaton.
5067 var. hispida, Gray.
5068 var. Rutteri, Rothrock.
5069 var. sessiliflora, Gray.
5070 var. stenophylla, Gray.
5071 var. viscida, Gray.
5072 Wrightii, Gray.

**CICHORIUM** 4170
5073 *Intybus*, *L.*

**CLAPPIA** 3932
5074 suædæfolia, Gray.

**CNICUS** 4078
5075 altissimus, Willd.
5076 var. discolor, Gray.
5077 var. filipendulus, Gray.
5078 Americanus, Gray
5079 amplifolius, Greene.
5080 Andersoni, Gray.
5081 Andrewsii, Gray.
5082 Arizonicus, Gray.
5083 *arvensis*, *Hoffm.*
5084 Breweri, Gray.
5085 var. Vaseyi, Gray.
5086 Californicus, Gray.
5087 Drummondii, Gray.

5088 var. acaulescens, Gray.
5089 var. purpurascens, Gray.
5090 Eatoni, Gray.
5091 edulis, Gray.
5092 eriocephalus, Gray.
5093 foliosus, Gray.
5094 fontinalis, Greene.
5095 Grahami, Gray.
5096 Hallii, Gray.
5097 Hillii, Canby.
5098 Hookerianus, Gray.
5099 horridu us, Pursh.
5100 Kamtschaticus, Maxim.
5101 *lanceolatus, Hoffm.*
5102 Lecontei, Gray.
5103 lilacinus, Greene.
5104 muticus, Pursh.
5105 Neo-Mexicanus, Gray.
5106 Nuttallii, Gray.
5107 occidentalis, Gray.
5108 ochrocentrus, Gray.
5109 Parryi, Gray.
5110 Pitcheri, Torr.
5111 pumilus, Torr.
5112 quercetorum, Gray.
5113 remotifolius, Gray.
5114 repandus, Ell.
5115 Rothrockii Gray.
5116 scariosus, Gray
5117 undulatus, Gray.
5118 var. canescens, Gray.
5119 var. megacephalus, Gray.
5120 Virginianus, Pursh.
5121 Wheeleri, Gray.
5122 Wrightii, Gray.

**CONYZA** 3566

5123 Coulteri, Gray.
5124 var. tenuisecta, Gray.

**COREOPSIS** 3849

5125 angustifolia, Ait.
5126 aristosa, Michx.
5127 var. mutica, Gray.
5128 Atkinsoniana, Dougl.
5129 aurea, Ait.
5130 auriculata, L.
5131 bidentoides, Nutt.
5132 cardaminefolia T. & G.
5133 coronata, Hook.
5134 delphinifolia, Lam.
5135 discoidea, T. & G.
5136 Drummondii, T. & G.
5137 var. Wrightii, Gray.
5138 gladiata, Walt.
5139 grandiflora, Nutt.
5140 Harveyana, Gray.
5141 integrifolia, Poir.
5142 involucrata, Nutt.
5143 lanceolata, L.
5144 var. angustifolia, T. & G.
5145 var. villosa, Michx.
5146 latifolia, Michx.
5147 Leavenworthii, T. & G.
5148 var. Garberi, Gray.
5149 nudata, Nutt.
5150 palmata, Nutt.
5151 pubescens, Ell.
5152 rosea, Nutt.
5153 senifolia, Michx.
5154 var. rigida, Nutt.
5155 var. stellata, T. & G.
5156 tinctoria, Nutt.
5157 trichosperma, Michx.
5158 var. tenuiloba, Gray.
5159 tripteris, L.
5160 verticillata, L.

**CORETHROGYNE** 3840

5161 Californica, DC.
5162 filaginifolia, Nutt.
5163 var. rigida, Gray.
5164 var. virgata, Gray.
5165 obovata, Benth.

**COSMOS** 3855

5166 *bipinnatus, Cav, var. exaristatus, DC.*
5167 *caudatus, HBK.*
5168 parviflorus, HBK.

**COTULA** 3968

5169 *australis, Hook. f.*
5170 *coronopifolia, L.*

**CREPIS** 4190

5171 acuminata, Nutt.
5172 Andersoni, Gray.
5173 *biennis, L.*
5174 elegans, Hook.
5175 glauca, T. & G.
5176 intermedia, Gray.
5177 var. gracilis, Gray.
5178 var. pleurocarpa, Gray.
5179 nana, Richards.
5180 occidentalis, Nutt.

5181 var. costata, Gray.
5182 var. crinita, Gray.
5183 var. Nevadensis, Kellogg.
5184 runcinata, T. & G.
5185 *tectorum*, *L.*
5186 *virens*, *L.*

**CROCIDIUM** 4004
5187 multicaule, Hook.

**CROCKERIA** 4006
5188 chrysantha, Greene.

**DICHÆTOPHORA** (3839)
5189 campestris, Gray.

**DICORIA** 3766
5190 Brandegei, Gray.
5191 canescens, T. & G.

**DICRANOCARPUS** 3747
5192 parviflorus, Gray.

**DIMERESIA** 3658
5193 Howellii, Gray.

**DYSODIA** 3923
5194 chrysanthemoides, Lag.
5195 Cooperi, Gray.
5196 porophylloides, Gray.

**EATONELLA** 3888
5197 Congdoni, Gray.
5198 nivea, Gray.

**ECLIPTA** 3788
5199 alba, Hasskarl.

**ECHINACEA** (3901)
5200 angustifolia, DC.
5201 purpurea, Moench.

**ELEPHANTOPUS** 3428
5202 Carolinianus, Willd.
5203 nudatus, Gray.
5204 tomentosus, L.

**ENCELIA** 3829
5205 Californica, Nutt.
5206 calva, Gray.
5207 eriocephala, Gray.
5208 var. paniculata, Gray.
5209 exaristata, Gray.
5210 farinosa, Gray.
5211 frutescens, Gray.
5212 scaposa, Gray.
5213 subaristata, Gray.
5214 viscida, Gray.

**ENGELMANNIA** 3759
5215 pinnatifida, T. & G.

**ERECHTITES** 4016
5216 hieracifolia, Raf.

**EREMIASTRUM** 3541
5217 bellioides, Gray.
5218 Orcuttii, Watson.

**ERIGERON** 3561
5219 acris, L.
5220 var. debilis, Gray.
5221 var. Drœbachensis, Blytt.
5222 alpinus, L.
5223 annuus, Pers.
5224 argentatus, Gray.
5225 Arizonicus, Gray.
5226 armeriæfolius, Turcz.
5227 asperugineus, Gray.
5228 Bellidiastrum, Nutt.
5229 bellidifolius, Muhl.
5230 Bigelovii, Gray.
5231 Bloomeri, Gray.
5232 Brandegei, Gray.
5233 Breweri, Gray.
5234 cæspitosus, Nutt.
5235 Canadensis, L.
5236 canus, Gray.
5237 Chrysopsidis, Gray.
5238 compositus, Pursh.
5239 var. discoideus, Gray.
5240 var. pinnatisectus, Gray.
5241 var. trifidus, Gray.
5242 concinnus, T. & G.
5243 var. aphanactis, Gray.
5244 corymbosus, Nutt.
5245 Coulteri, Porter.
5246 decumbens, Nutt.
5247 divaricatus, Michx.
5248 divergens, T. & G.
5249 var. cinereus, Gray.
5250 Eatoni, Gray.
5251 eriophyllus, Gray.
5252 filifolius, Nutt.
5253 flagellaris, Gray.
5254 foliosus, Nutt.
5255 var. stenophyllus, Gray.
5256 var. tenuissimus, Gray.
5257 glabellus, Nutt.
5258 var. mollis, Gray.
5259 glandulosus, Porter.
5260 glaucus, Ker.
5261 grandiflorus, Hook.
5262 var. elatior, Gray.
5263 Howellii, Gray.
5264 hyssopifolius, Michx.
5265 inornatus, Gray.
5266 var. angustatus, Gray.
5267 var. viscidulus, Gray.

5268 lanatus, Hook.
5269 leiomerus, Gray.
5270 Lemmoni, Gray.
5271 *linifolius, Willd.*
5272 macranthus, Nutt.
5273 miser, Gray.
5274 modestus, Gray.
5275 Muirii, Gray.
5276 Neo-Mexicanus, Gray.
5277 Nevadensis, Gray.
5278 var. pygmæus, Gray.
5279 nudatus, Gray.
5280 nudicaulis, Michx.
5281 ochroleucus, Nutt.
5282 Oreganus, Gray.
5283 Parishii, Gray.
5284 Parryi, Canby & Rose.
5285 petrophilus, Greene.
5286 peucephyllus, Gray.
5287 Philadelphicus, L.
5288 poliospermus, Gray.
5289 Pringlei, Gray.
5290 pumilus, Nutt.
5291 quercifolius, Lam.
5292 radicatus, Hook.
5293 repens, Gray.
5294 Rusbyi, Gray.
5295 salsuginosus, Gray.
5296 var. angustifolius, Gray.
5297 var. glacialis, Gray.
5298 sanctarum, Watson.
5299 Sonnei, Greene.
5300 speciosus, DC.
5301 stenophyllus, Gray.
5302 strigosus, Muhl.
5303 var. Beyrichii, Gray.
5304 subdecurrens, Schultz Bip.
5305 supplex, Gray.
5306 tener, Gray.
5307 tenuis, T. & G.
5308 Tweedyana, Canby & Rose.
5309 uniflorus, L.
5310 ursinus, Eaton.
5311 Utahensis, Gray.
5312 viscidulus, Greene.

**ERIOPHYLLUM** 3901

5313 ambiguum, Gray.
5314 cæspitosum, Dougl.
5315 var. achillæoides, Gray.
5316 var. grandiflorum, Gray.
5317 var. integrifolium, Gray.
5318 var. latifolium, Gray.
5319 var. leucophyllum, Gray.
5320 confertiflorum, Gray.
5321 var. laxiflorum, Gray.
5322 var. trifidum, Gray.
5323 gracile, Gray.
5324 lanosum, Gray.
5325 multicaule, Gray.
5326 Nevinii, Gray.
5327 nubigerum, Greene.
5328 Pringlei, Gray.
5329 stæchadifolium, Lag.
5330 var. depressum, Greene.
5331 Wallacei, Gray.
5332 Watsoni, Gray.

**EUPATORIUM** 3460

5333 ageratifolium, DC.
5334 ageratoides, L.
5335 var. angustatum, Gray.
5336 album, L.
5337 var. subvenosum, Gray.
5338 altissimum, L.
5339 aromaticum, L.
5340 var. incisum, Gray.
5341 var. melissoides, Gray.
5342 betonicum, Hemsl.
5343 var. subintegrum, Gray.
5344 Bigelovii, Gray.
5345 Bruneri, Gray.
5346 cœlestinum, L.
5347 conyzoides, Vahl.
5348 coronopifolium, Willd.
5349 cuneifolium, Willd.
5350 Fendleri, Gray.
5351 fœniculaceum, Willd.
5352 Greggii, Gray.
5353 heteroclinium, Griseb.
5354 hyssopifolium, L.
5355 var. laciniatum, Gray.
5356 var. tortifolium, Gray.
5357 incarnatum, Walt.
5358 iváefolium, L.
5359 leucolepis, T. & G.
5360 mikanioides, Chapm.
5361 occidentale, Hook.
5362 var. Arizonicum, Gray.
5363 pauperculum, Gray.
5364 perfoliatum, L.
5365 var. cuneatum, Engelm.

5366 var. truncatum, Gray.
5367 pinnatifidum Ell.
5368 purpureum L.
5369 var. amœnum, Gray.
5370 var. maculatum, Darl.
5371 pycnocephalum, Less.
5372 resinosum, Torr.
5373 Rothrockii, Gray.
5374 rotundifolium, L.
5375 var. ovatum, Torr.
5376 var. scabridum, Gray.
5377 sagittatum, Gray.
5378 semiserratum, DC.
5379 var. lancifolium, Gray.
5380 serotinum Michx.
5381 sessilifolium, L.
5382 solidaginifolium, Gray.
5383 teucrifolium, Willd.
5384 villosum, Swartz.
5385 Wrightii, Gray.

**EVAX** 3600
5386 candida, Gray.
5387 caulescens, Gray.
5388 var. brevifolia, Gray.
5389 var. minima, Gray.
5390 var. sparsiflora, Gray.
5391 multicaulis, DC.
5392 var. Drummondii, Gray.
5393 prolifera, Nutt.

**FILAGO** 3606
5394 Arizonica, Gray.
5395 Californica, Nutt.
5396 depressa, Gray.
5397 *Germanica, L.*

**FLAVERIA** 3917
5398 angustifolia, Pers.
5399 chloræfolia, Gray.
5400 linearis, Lag.
5401 repanda, Lag.

**FLORESTINA** 3908
5402 tripteris, DC.

**FLOURENSIA** (3824)
5403 cernua, DC.

**FRANSERIA** 3770
5404 ambrosioides, Cav.
5405 bipinnatifida, Nutt.
5406 Chamissonis, Less.
5407 cordifolia, Gray.
5408 deltoidea, Torr.
5409 discolor, Nutt.
5410 dumosa, Gray.
5411 eriocentra, Gray.
5412 Hookeriana, Nutt.
5413 licifolia, Gray
5414 tenuifolia, Gray.
5415 tomentosa, Gray.

**GAILLARDIA** 3935
5416 acaulis, Gray.
5417 amblyodon, Gay.
5418 aristata, Pursh.
5419 Arizonica, Gray.
5420 lanceolata, Michx.
5421 Mexicana, Gray.
5422 pinnatifida, Torr.
5423 pulchella, Foug
5424 var. picta, Gray.
5425 simplex, Scheele.
5426 spathulata, Gray.

**GALINSOGA** 3861
5427 parviflora, Cav.

**GARBERIA** 3470
5428 fruticosa, Gray.

**GLYPTOPLEURA** 4204
5429 marginata, Eaton.
5430 setulosa, Gray.

**GNAPHALIUM** 3626
5431 Arizonicum, Gray.
5432 decurrens, Ives.
5433 var. Californicum, Gray.
5434 leucocephalum, Gray.
5435 microcephalum Nutt.
5436 Norvegicum, Gunner.
5437 palustre, Nutt.
5438 polycephalum, Michx.
5439 purpureum, L.
5440 ramosissimum, Nutt.
5441 Sprengelii, Hook. & Arn.
5442 strictum, Gray.
5443 supinum, Vill.
5444 sylvaticum, L.
5445 uliginosum, L.
5446 Wrightii, Gray.

**GOCHNATIA** 4123
5447 hypoleuca, Gray.

**GREENELLA** 3475
5448 Arizonica, Gray.
5449 discoidea, Gray.

**GRINDELIA** 3479
5450 Arizonica, Gray.
5451 cuneifolia, Nutt.

5452 glutinosa, Dunal.
5453 Hendersoni, Greene.
5454 hirsutula, Hook. & Arn.
5455 humilis, Hook. & Arn.
5456 integrifolia, DC.
5457 inuloides, Willd.
5458 var. microcephala, Gray.
5459 lanceolata, Nutt.
5460 latifolia, Kellogg.
5461 nana, Nutt.
5462 var. discoidea, Gray.
5463 Oregana, Gray.
5464 robusta, Nutt.
5465 squarrosa, Dunal.
5466 var. grandiflora, Gray.
5467 var. nuda, Gray.

GUARDIOLA 3748
5468 platyphylla, Gray.

GUTIERREZIA 3477
5469 Californica, T. & G.
5470 eriocarpa, Gray.
5471 Euthamiæ, T. & G.
5472 var. microcephala, Gray.
5473 sphærocephala, Gray.
5474 Texana, T. & G.

GYMNOLOMIA 3797
5475 multiflora, Benth. & Hook.
5476 Porteri, Gray.
5477 tenuifolia, Benth. & Hook.
5478 triloba, Gray.

GYMNOSPERMA 3474
5479 corymbosum, DC.

HAPLOESTHES 4007
5480 Greggii, Gray.

HARTWRIGHTIA
5481 Floridana, Gray.

HAZARDIA 3549
5482 detonsa, Greene.
5483 serrata, Greene.

HECASTOCLEIS 4130
5484 Shockleyi, Gray.

HELENIUM 3934
5485 amphibolum, Gray.
5486 autumnale, L.
5487 Bigelovii, Gray.
5488 Bolanderi, Gray.
5489 brevifolium, Gray.
5490 Curtisii, Gray.
5491 elegans, DC.
5492 fimbriatum, Gray.
5493 *Hoopesii*, Gray.
5494 laciniatum, Gray.
5495 microcephalum, DC.
5496 nudiflorum, Nutt.
5497 Nuttallii, Gray.
5498 var. incisum, Gray.
5499 ooclinium, Gray.
5500 parviflorum, Nutt.
5501 puberulum, DC.
5502 quadridentatum, Labill.
5503 tenuifolium, Nutt.
5504 var. badium, Gray.
5505 Thurberi, Gray.
5506 vernale, Walt.

HELIANTHELLA 3830
5507 argophylla, Gray.
5508 Californica, Gray.
5509 Douglasii, T. & G.
5510 grandiflora, T. & G.
5511 microcephala, Gray.
5512 nudicaulis, Gray.
5513 Parryi, Gray.
5514 quinquenervis, Gray.
5515 var. Arizonica, Gray.
5516 tenuifolia, T. & G.
5517 uniflora, T. & G.

HELIANTHUS 3824
5518 angustifolius, L.
5519 annuus, L.
5520 argophyllus, T. & G.
5521 atrorubens, L.
5522 Californicus, DC.
5523 var. Mariposianus, Gray.
5524 var. Utahensis, Gray.
5525 ciliaris, DC.
5526 cinereus, T. & G.
5527 Cusickii, Gray.
5528 debilis, Nutt.
5529 var. cucumerifolius, Gray.
5530 decapetalus, L.
5531 var. multiflorus, (?) Gray.
5532 divaricatus, L.
5533 doronicoides, Lam.
5534 Douglasii, T. & G.
5535 exilis, Gray.
5536 Floridanus, Gray.
5537 giganteus, L.
5538 var. ambiguus, T. & G.
5539 gracilentus, Gray.
5540 grosse-serratus, Martens.
5541 var. hypoleucus, Gray.

5542 heterophyllus, Nutt.
5543 hirsutus, Raf.
5544 var. stenophyllus, T. & G.
5545 var. trachyphyllus, T. & G.
5546 invenustus, Greene.
5547 lætiflorus, Pers.
5548 var. tricuspis, T. & G.
5549 lævigatus, T. & G.
5550 longifolius, Pursh.
5551 Maximiliani, Schrad.
5552 mollis, Lam.
5553 Nuttallii, T. & G.
5554 occidentalis, Riddell.
5555 var. Dowellianus, T. & G.
5556 var. plantagineus, T. & G.
5557 Oliveri, Gray.
5558 orgyalis, DC.
5559 Parishii, Gray.
5560 parviflorus, Bernh.
5561 var. attenuatus, Gray.
5562 petiolaris, Nutt.
5563 var. canescens, Gray.
5564 pumilus, Nutt.
5565 radula, T. & G.
5566 rigidus, Desf.
5567 scaberrimus, Benth.
5568 Schweinitzii, T. & G.
5569 strumosus, L.
5570 var. mollis, T. & G.
5571 tephrodes, Gray.
5572 tomentosus, Michx.
5573 tracheliifolius, Willd.
5574 tuberosus, L.
5575 var. subcanescens, Gray.

**HELIOPSIS** 3779

5576 gracilis, Nutt.
5577 lævis, Pers.
5578 parvifolia, Gray.
5579 scabra, Dunal.

**HEMIZONELLA** 3873

5580 Durandi, Gray.
5581 minima, Gray.

**HEMIZONIA** 3872

5582 angustifolia, DC.
5583 var. Barclayi, Gray.
5584 anomala, Gray.
5585 citriodora, Gray.
5586 Clevelandi, Greene.
5587 congesta, DC.
5588 corymbosa, T. & G.
5589 Douglasii, Gray.
5590 fasciculata, T. & G.
5591 var. Lobbii, Gray.
5592 var. ramosissima, Gray.
5593 Fitchii, Gray.
5594 floribunda, Gray.
5595 Heermanni, Greene.
5596 Kelloggii, Greene.
5597 luzulæfolia, DC.
5598 macradenia, DC.
5599 mollis, Gray.
5600 multiglandulosa, Gray.
5601 var. cephalotes, Gray.
5602 var. sparsa, Gray.
5603 paniculata, Gray.
5604 Parryi, Greene.
5605 pauciflora, Gray.
5606 plumosa, Gray.
5607 var. subplumosa, Gray.
5608 pungens, T. & G.
5609 scabrella, Drew.
5610 Streetsii, Gray.
5611 tenella, Gray.
5612 truncata, Gray.
5613 virgata, Gray.
5614 Wheeleri, Gray.
5615 Wrightii, Gray.

**HETEROSPERMUM** 3844

5616 pinnatum, Cav.

**HETEROTHECA** 3484

5617 grandiflora, Nutt.
5618 Lamarckii, Cass. = subaxillaris

**HIERACIUM** 4193

5619 albiflorum, Hook.
5620 argutum, Nutt.
5621 *aurantiacum*, L.
5622 Bolanderi, Gray.
5623 Brandegei, Greene.
5624 Canadense, Michx.
5625 carneum, Greene.
5626 cynoglossoides, Arvet.
5627 var. nudicaule, Gray.
5628 Fendleri, Schultz Bip.
5629 var. discolor, Gray.
5630 var. Mogollense, Gray.
5631 gracile, Hook.
5632 var. detonsum, Gray.
5633 Greenei, Gray.
5634 Gronovii, L.
5635 horridum, Fries.

5636 Howellii, Gray.
5637 Lemmoni, Gray.
5638 longipi um, Torr.
5639 Marianum, Willd.
5640 var. spathulatum, Gray.
5641 *murorum, L.*
5642 nigrocollinum, Watson.
5643 paniculatum, L.
5644 Parishii, Gray.
5645 *prœaltum, Vill.*
5646 Pringlei, Gray.
5647 Rusbyi, Greene.
5648 var. Wrightii, Gray.
5649 scabrum, Michx.
5650 Scouleri, Hook.
5651 triste, Cham.
5652 umbellatum, L.
5653 venosum, L.
5654 vulgatum, Fries.

**HOFMEISTERIA** 3453
5655 pluriseta, Gray.

**HULSEA** 3897
5656 algida, Gray.
5657 brevifolia, Gray.
5658 Californica, T. & G.
5659 heterochroma, Gray.
5660 nana, Gray.
5661 var. Larseni, Gray.
5662 vestita, Gray

**HYMENATHERUM** 3926
5663 acerosum Gray.
5664 aureum, Gray
5665 concinnum, Gray.
5666 Gnaphaliopsis, Gray.
5667 Greggii, Gray.
5668 Hartwegi Gray.
5669 Neo-Mexicanum, Gray.
5670 pentachætum, DC.
5671 polychætum, Gray.
5672 tagetoides, Gray.
5673 tenuilobum, DC.
5674 Thurberi, Gray.
5675 Treculii, Gray.
5676 Wrightii, Gray.

**HYMENOCLEA** 3768
5677 monogyra, T. & G.
5678 Salsola, T. & G.

**HYMENOPAPPUS** 3899
5679 artemisiæfolius, DC.
5680 corymbosus, T. & G.
5681 filifolius, Hook.
5682 flavescens, Gray.
5683 Mexicanus, Gray.
5684 radiatus, Rose.
5685 scabiosæus, L'Her.
5686 tenuifolius, Pursh.

**HYMENOTHR X** 3903
5687 Wislizeni, Gray.
5688 Wrightii, Gray.

**HYPOCHŒRIS** 4197
5689 *glabra, L.*

**INULA** 3890
5690 *Helenium, L.*

**ISOCARPHA** 3800
5691 oppositifolia, R. Br.

**IVA** 3763
5692 ambrosiæfolia, Gray.
5693 angustifolia, Nutt.
5694 axillaris, Pursh.
5695 var. pubescens, Gray.
5696 ciliata, Willd.
5697 dealbata, Gray.
5698 frutescens, L.
5699 Hayesiana, Gray.
5700 imbricata, Walt.
5701 microcephala, Nutt.
5702 Nevadensis, Jones.
5703 xanthiifolia, Nutt.

**JAUMEA** 3880
5704 carnosa, Gray.

**KEERLIA** 3514
5705 bellidifolia, Gray & Engelm.
5706 effusa, Gray.

**KRIGIA** 4173
5707 amplexicaulis, Nutt.
5708 Dandelion, Nutt.
5709 montana, Nutt.
5710 occidentalis, Nutt.
5711 Virginica, Willd.

**KUHNIA** 3468
5712 eupatorioides, L.
5713 var. corymbulosa, T. & G.
5714 var. gracilis, T. & G.
5715 rosmarinifolia, Vent.

**LACTUCA** 4206
5716 acuminata, Gray.
5717 Canadensis, L.
5718 floridana, Gaertn.
5719 graminifolia, Michx.
5720 hirsuta, Muhl.
5721 integrifolia, Bigel.

5722 leucophæa, Gray.
5723 var integrifolia, Gray.
5724 Ludoviciana, DC.
5725 pulchella, DC.
5726 *Scariola*, *L.*

**LAGOPHYLLA** 3874
5727 congesta, Greene.
5728 dichotoma, Benth.
5729 filipes, Gray.
5730 glandulosa, Gray.
5731 ramosissima, Nutt.
5732 serrata, Greene.

**LAMPSANA** 4180
5733 *communis*, *L.*

**LAPHAM A** 3884
5734 angustifolia, Gray.
5735 bisetosa, Torr.
5736 cinerea, Gray.
5737 halimifolia, Gray.
5738 Lemmoni, Gray.
5739 var. pedata, Gray.
5740 Lindheimeri, Gray.
5741 megalocephala, Watson.
5742 Palmeri, Gray.
5743 rupestris, Gray.
5744 Stansburii, Gray.

**LASTHEN A** 3892
5745 conjugens, Greene.
5746 glaberrima, DC.
5747 glabrata, Lindl.
5748 var. Coulteri, Gray.

**LAYIA** 3876
5749 Calliglossa, Gray.
5750 var. oligochæta, Gray.
5751 carnosa, T. & G.
5752 chrysanthemoides, Gray.
5753 Douglasi Hook. & Arn.
5754 elegans, T. & G.
5755 Fremonti, Gray.
5756 gaillardioides, Hook. & Arn.
5757 glandulosa, Hook. & Arn.
5758 var. rosea, Gray.
5759 heterotricha, Hook. & Arn.
5760 var. major, Gray.
5761 hispida, Greene.
5762 hieracioides, Hook. & Arn.
5763 Jonesii, Gray.
5764 pentachæta, Gray.
5765 platyglossa, Gray.
5766 var. breviseta, Gray.

**LEONTODON** 4198
5767 *autumnalis*, *L.*

**LEPACHYS** (3801)
5768 columnaris, T. & G.
5769 var. pulcherrima, T. & G.
5770 peduncularis, T. & G.
5771 var. picta, Gray.
5772 pinnata, T. & G.
5773 Tagetes, Gray.

**LEPIDOSPARTUM** 4029
5774 latisquamum, Watson.
5775 squamatum, Gray.

**LEPTOSYNE** 3861
5776 Arizonica, Gray.
5777 Bigelovii Gray.
5778 calliopsidea, Gray.
5779 var. nana, Gray.
5780 Douglasii, DC.
5781 gigantea, Kellogg.
5782 maritima, Gray.
5783 Stillmani, Gray.

**LESSINGIA** 3497
5784 Germanorum, Cham.
5785 glandulifera, Gray.
5786 Lemmoni, Gray.
5787 leptoclada, Gray.
5788 var. microcephala, Gray.
5789 nana, Gray.
5790 var. caulescens, Gray.
5791 ramulosa, Gray.
5792 var. adenophora, Gray.
5793 var. tenuis, Gray.
5794 virgata, Gray.

**LEUCAMPYX** 3966
5795 Newberryi, Gray.

**LIATRIS** 3469
5796 acidota, Engelm. & Gray.
5797 var. mucronata, Gray.
5798 Boykinii, T. & G.
5799 Chapmanii, T. & G.
5800 cylindracea, Michx.
5801 elegans, Willd.
5802 Garberi, Gray.
5803 gracilis, Pursh.
5804 graminifolia, Willd.
5805 var. dubia, Gray.
5806 Helleri, Porter.
5807 pauciflora, Pursh.
5808 punctata, Hook.
5809 pycnostachya, Michx.

5810 scariosa, Willd.
5811 var. squarrulosa, Gray.
5812 spicata, Willd.
5813 var. montana, Gray.
5814 squarrosa, Willd.
5815 var. intermedia, DC.
5816 tenuifolia, Nutt.

LINDHEIMERA 3757
5817 Texana, Gray & Engelm.

LUINA 3996
5818 hypoleuca, Benth.
5819 var. Californica, Gray.

LYGODESMIA 4214
5820 aphylla, DC.
5821 var. Texana, T. & G.
5822 exigua, Gray.
5823 grandiflora, T. & G.
5824 juncea, Don.
5825 rostrata, Gray.
5826 spinosa, Nutt.

MADIA 3870
5827 Bolanderi, Gray.
5828 dissitiflora, T. & G.
5829 elegans, Don.
5830 filipes, Gray.
5831 glomerata, Hook.
5832 Nuttallii, Gray.
5833 radiata, Kellogg.
5834 sativa, Molina.
5835 var. congesta, T. & G.
5836 var. racemosa, Gray.
5837 Yosemitana, Parry.

MALACOTHRIX 4195
5838 altissima, Greene.
5839 Californica, DC.
5840 Clevelandi, Gray.
5841 Coulteri, Gray.
5842 Fendleri, Gray.
5843 foliosa, Gray.
5844 glabrata, Gray.
5845 incana, T. & G.
5846 indecora, Greene.
5847 insularis, Greene.
5848 obtusa, Benth.
5849 saxatilis, T. & G.
5850 var. tenuifolia, Gray.
5851 sonchoides, T. & G.
5852 squalida, Greene.
5853 Torreyi, Gray.

MARSHALLIA 3864
*5854 angustifolia*, Pursh.
5855 cæspitosa, Nutt.
5856 lanceolata, Pursh.
5857 var. platyphylla, Curtis.
5858 latifolia, Pursh.

MATRICARIA 3966
5859 *Chamomilla, L.*
5860 *var. coronata, Gay.*
5861 discoidea, DC.
5862 inodora, L.

MELAMPODIUM 3751
5863 cinereum, DC.
5864 var. ramosissimum, Gray.
5865 hispidum, HBK.
5866 longicornu, Gray.
5867 *perfoliatum, HBK.*

MELANTHERA 3827
5868 deltoidea, Michx.
5869 hastata, Michx.
5870 lanceolata, Benth.

MICROPUS 3602
5871 amphibolus, Gray.
5872 Californicus, Fisch. & Mey.
5873 var. subvestitus, Gray.

MICROSERIS 4172
5874 acuminata, Greene.
5875 aphantocarpha, Gray.
5876 var. tenella, Gray.
5877 arguta, (Drew)
5878 attenuata, Greene.
5879 Bigelovii, Gray.
5880 Bolanderi, Gray.
5881 Douglasii, Gray.
5882 elegans, Greene.
5883 Howellii, Gray.
5884 laciniata, Gray.
5885 leptosepala, Gray.
5886 Lindleyi, Gray.
5887 linearifolia, Gray.
5888 macrochæta, Gray.
5889 major, Gray.
5890 var. laciniata, Gray.
5891 megacephala, (Greene)
5892 nutans, Gray.
5893 Parishii, Greene.
5894 Parryi, Gray.
5895 platycarpha, Gray.
5896 pratensis, (Greene)
5897 procera, Gray.
5898 Suksdorfii, (Greene)
5899 sylvatica, Gray.
5900 var. Stillmani, Gray.

5901 troximoides, Gray.

**MIKANIA** 3462

5902 cordifolia, Willd.

5903 scandens, Willd.

5904 var. pubescens, T. & G.

**MONOLOPIA** 3893

5905 bahiæfolia, Benth.

5906 gracilens, Gray.

5907 Heermanni, Durand.

5908 major, DC.

5909 var. lanceolata, Gray.

5910 minor, DC.

**MONOPTILON** 3833

5911 bellidiforme, T. & G.

**NICOLLETIA** 3922

5912 Edwardsii, Gray.

5913 occidentalis, Gray.

**ONOPORDON** 4079

5914 *Acanthium*, L.

**OXYTENIA** 3764

5915 acerosa, Nutt.

**PALAFOXIA** 3909

5916 Feayi, Gray.

5917 linearis, Lag.

**PARTHENICE** 3762

5918 mollis, Gray.

**PARTHENIUM** 3760

5919 alpinum, T. & G.

5920 argentatum, Gray.

5921 Hysterophorus, L.

5922 incanum, HBK.

5923 integrifolium, L.

5924 lyratum, Gray.

**PECTIS** 3931

5925 angustifolia, Torr.

5926 ciliaris, L.

5927 Coulteri, Gray.

5928 filipes, Gray.

5929 imberbis, Gray.

5930 linifolia, Less.

5931 longipes, Gray.

5932 papposa, Gray.

5933 prostrata, Cav.

5934 punctata, Jacq.

5935 Rusbyi, Greene.

5936 tenella, DC.

**PENTACHÆTA** 3481

5937 alsinoides, Greene.

5938 aurea, Nutt.

5939 bellidiflora, Greene.

5940 exilis, Gray.

5941 var. aphantochæta, Gray.

5942 Lyoni, Gray.

**PEREZIA** 4154

5943 microcephala, Gray.

5944 nana, Gray.

5945 runcinata, Lag.

5946 Thurberi, Gray.

5947 Wrightii, Gray.

**PERICOME** 3911

5948 caudata, Gray.

**PERITYLE** 3885

5949 aglossa, Gray.

5950 coronopifolia, Gray.

5951 dissecta, Gray.

5952 Emoryi, Torr.

5953 var. nuda, Rose.

5954 Fitchii, Torr.

5955 Greenei, Rose.

5956 leptoglossa, Gray.

5957 microglossa, Benth.

5958 var. effusa, Gray.

5959 Parryi, Gray

5960 plumigera, Gray.

5961 Rothrockii, Rose.

5962 Vaseyi, Coult.

**PETASITES** 3998

5963 frigida, Fries.

5964 nivalis, Greene.

5965 palmata, Gray.

5966 sagittata, Gray.

5967 *vulgaris*, *Desf.*

**PEUCEPHYLLUM** 3995

5968 Schottii, Gray.

**PHALACROSERIS** 4174

5969 Bolanderi, Gray.

**PICRIS** 4189

5970 *hieracioides*, *L.*

5971 var Japonica, Regel.

**PINAROPAPPUS** 4213

5972 roseus, Less.

**PLUCHEA** 3563

5973 bifrons, DC.

5974 borealis, Gray.

5975 camphorata, DC.

**PLUMMERA** 3937

5976 floribunda, Gray.

**POLYMNIA** 3744

5977 Canadensis, L.

5978 var. radiata, Gray.

5979 Uvedalia, L.

**POLYPTERIS** (3909)

5980 callosa, Gray.

5981 Hookeriana, Gray.

5982 integrifolia, Nutt.
5983 Texana, Gray.

**POROPHYLLUM** 3919
5984 gracile, Benth.
5985 macrocephalum, DC.
5986 scoparium, Gray.

**PRENANTHES** 4206
5987 alata, Gray.
5988 var. sagittata, Gray.
CS 5989 alba, L.
CS 5990 altissima, L.
5991 aspera, Michx.
S 5992 Boottii, Gray.
5993 crepidinea, Michx.
5994 Mainensis, Gray.
S 5995 racemosa, Michx.
5996 var. pinnatifida, Gray.
S 5997 serpentaria, Pursh.
5998 var. barbata, Gray.
5999 var. nana, Gray.
6000 stricta, Greene.
6001 virgata, Michx.

**PSATHYROTES** 3940
6002 annua, Gray.
6003 pilifera, Gray.
6004 ramosissima, Gray.
6005 scaposa, Gray.

**PSILACTIS** 3537
6006 asteroides, Gray.
L 6007 Coulteri, Gray.

**PSILOCARPHUS** 3601
6008 brevissimus, Nutt.
6009 elatior, Gray.
6010 globiferus, Nutt.
6011 Oreganus, Nutt.
6012 tenellus, Nutt.

**PTEROCAULON** 3594
Fla.A. S 6013 pycnostachyum, Ell.
6014 virgatum, DC.

**PYRRHOPAPPUS** 4202
Flad S 6015 Carolinianus, DC.
6016 multicaulis, DC.
6017 Rothrockii, Gray.
6018 scaposus, DC.

**RAFINESQUIA** 4224
6019 Californica, Nutt.
6020 Neo-Mexicana Gray.

**RAILLARDELLA** 4012
S 6021 argentea, Gray.
6022 Muirii, Gray.
6023 Pringlei, Greene.

6024 scaposa, Gray.
6025 var. Eiseni, Gray.

**RHAGADIOLUS** 4183
6026 *hedypnoides, All.*

**RIDDELLIA** 3896
6027 arachnoidea, Gray.
6028 Cooperi, Gray.
WNM S 6029 tagetina, Nutt.
6030 var. sparsiflora, Gray.

**RIGIOPAPPUS** 3910
S 6031 leptocladus, Gray.
6032 var. longiaristatus, Gray.

**RUDBECKIA** 3801
6033 alismæfolia, T. & G.
6034 amplexicaulis, Vahl.
6035 atrorubens, Nutt.
6036 bicolor, Nutt.
6037 bupleuroides, Shuttlw.
6038 Californica, Gray.
S 6039 fulgida, Ait.
6040 grandiflora, C. C. Gmelin.
6041 Heliopsidis, T. & G.
6042 heterophylla, T. & G.
CS 6043 hirta, L.
CS 6044 laciniata, L.
6045 var. humilis, Gray.
6046 maxima, Nutt.
Fla.A. S 6047 mollis, Ell.
6048 montana, Gray.
6049 nitida, Nutt.
6050 var longifolia, Gray.
S 6051 occidentalis, Nutt.
6052 spathulata, Michx.
CS 6053 speciosa, Wenderoth.
S 6054 subtomentosa, Pursh.
S 6055 triloba, L.
6056 var. pinnatiloba, T. & G.
6057 var. rupestris, Gray.

**SANVITALIA** 3778
WNM S 6058 Aberti, Gray.
6059 ocymoides, DC.

**SARTWELLIA** 3916
6060 Flaveriæ, Gray.

**SAUSSUREA** 4086
6061 alpina, DC.
6062 var. Ledebouri, Gray.
S 6063 Americana, Eaton.

**SCHKUHRIA** 3902
6064 Hopkirkia, Gray.
6065 Wrightii, Gray.

Le S ✱ Pyrrhocoma hirta (A. Gray) Greene

**SCLEROCARPUS** 3798
6066 uniserialis, Benth. & Hook.

**SCLEROLEPIS** 3439
6067 verticillata, Cass.

**SENECIO** 4025
6068 Actinella, Greene.
6069 amplectens, Gray.
6070 var. taraxacoides, Gray.
6071 ampullaceus, Hook.
6072 aphanactis, Greene.
6073 Arizonicus, Greene.
6074 aronicoides, DC.
6075 astephanus, Greene.
6076 aureus, L.
6077 var. angustifolius, Britton.
6078 var. Balsamitæ, T. & G.
6079 var. borealis, T. & G.
6080 var. compactus, Gray.
6081 var. croceus, Gray.
6082 var. obovatus, T. & G.
6083 var. subnudus, Gray.
6084 Bigelovii, Gray.
6085 Bolanderi, Gray.
6086 Californicus, DC.
6087 canus, Hook.
6088 Cardamine, Greene.
6089 cernuus, Gray.
6090 Clarkianus, Gray.
6091 Clevelandi Greene.
6092 crassulus, Gray.
6093 Douglasii, DC.
6094 eremophilus, Richards.
6095 eurycephalus, T. & G.
6096 fastigiatus, Nutt.
6097 var. Layneæ, Gray.
6098 Fendleri, Gray.
6099 Franciscanus, Greene.
6100 Fremonti T & G.
6101 var. occidentalis, Gray.
6102 frigidus, Less.
6103 Gibbonsii, Greene.
6104 Greenei, Gray.
6105 Hallii, Britton.
6106 Hartwegi, Benth.
6107 Hookeri, T. & G.
6108 Huachucanus, Gray.
6109 hydrophilus, Nutt.
6110 var. Pacificus, Greene.
6111 integerrimus, Nutt.
6112 ionophyllus, Greene.
6113 *Jacobæa*, *L.*
6114 Lemmoni, Gray.
6115 lobatus, Pers.
6116 lugens, Richards.
6117 var. exaltatus, Gray.
6118 var. foliosus, Gray.
6119 var. ochroleucus, Gray.
6120 Lyoni, Gray.
6121 megacephalus, Nutt.
6122 Mendocinensis, Gray.
6123 Millefolium, T. & G.
6124 Mohavensis, Gray.
6125 multilobatus, T. & G.
6126 Neo-Mexicanus, Gray.
6127 palustris, Hook.
6128 Parryi, Gray.
6129 petræus, Klatt.
6130 Pseudo-Arnica, Less.
6131 rapifolius, Nutt.
6132 renifolius, Porter.
6133 resedifolius, Less.
6134 var. Columbiensis, Gray.
6135 Rugelia, Gray.
6136 Rusbyi, Greene.
6137 serra, Hook.
6138 var. integriusculus, Gray.
6139 Soldanella, Gray.
6140 *sylvaticus*, *L.*
6141 Thurberi, Gray.
6142 Toluccanus, DC., var. microdontus, Gray.
6143 tomentosus, Michx.
6144 triangularis, Hook.
6145 *viscosus*, *L.*
6146 *vulgaris*, *L.*
6147 werneriæfolius, Gray.
6148 Whippleanus, Gray.

**SERICOCARPUS** 3543
6149 conyzoides, Nees.
6150 rigidus, Lindl.
6151 solidagineus, Nees.
6152 tomentellus, Greene.
6153 tortifolius, Nees.

**SILPHIUM** 3754
6154 albiflorum, Gray.
6155 asperrimum, Hook.
6156 Asteriscus, L.
6157 var. angustatum, Gray.
6158 var. lævicaule, DC.
6159 brachiatum, Gattinger.

6160 compositum, Michx.
6161 gracile, Gray.
S 6162 integrifolium, Michx.
6163 laciniatum L.
S 6164 perfoliatum, L.
6165 scaberrimum, Ell.
C S 6166 terebinthinaceum, L.
6167 var. pinnatifidum, Gray.
S 6168 trifoliatum, L.
6169 var. latifolium, Gray.

SILYBUM 4081

6170 *Marianum*, *Gaertn.*

SOLIDAGO 3493

S 6171 amplexicaulis, T. & G.
S 6172 arguta, Ait.
6173 var. Caroliniana, Gray.
C S 6174 bicolor, L.
C S 6175 var. concolor, T. & G.
6176 var. lanata, Gray.
6177 Bigelovii, Gray.
6178 var. Wrightii, Gray.
S 6179 Boottii, Hook.
S 6180 var. brachyphylla, Gray.
6181 var. Ludoviciana, Gray.
6182 Buckleyi, T. & G.
C S 6183 cæsia, L.
S 6184 var. axillaris, Gray.
6185 var. paniculata, Gray.
S 6186 Californica, Nutt.
6187 var. Nevadensis, Gray.
C S 6188 Canadensis, L.
6189 var. Arizonica, Gray.
6190 var. canescens, Gray.
C S 6191 var. procera, T. & G.
6192 var. scabra, T. & G.
S 6193 Chapmani, Gray.
S 6194 confertiflora, DC.
6195 confinis, Gray.
6196 corymbosa, Ell.
6197 Curtisii, T. & G.
6198 var. pubens, Gray.
6199 discoidea, T. & G.
S 6200 Drummondii, T. & G.
6201 Elliottii, T. & G.
6202 elongata, Nutt.
6203 flavovirens, Chapm.
S 6204 Gattingeri, Chapm.
S 6205 glomerata, Michx.
6206 gracillima, T. & G.
*6207 Guiradonis, Gray.*
6208 Houghtoni, T. & G.
S 6209 humilis, Pursh.
S 6210 var. Gillmani, Gray.
6211 var. nana, Gray.
C S 6212 juncea, Ait.
6213 var. scabrella, Gray.
C S 6214 lanceolata, L.
6215 lancifolia, T. & G.
C S 6216 latifolia, L.
6217 Leavenworthii, T. & G.
6218 lepida, DC.
S 6219 leptocephala, T. & G.
6220 Lindheimeriana, Scheele.
S 6221 macrophylla, Pursh.
6222 Marshalli, Rothrock.
S 6223 Missouriensis, Nutt.
S 6224 var. extraria, Gray.
S 6225 var. montana, Gray.
S 6226 monticola, T. & G.
S 6227 multiradiata, Ait.
6228 var. Neo-Mexicana, Gray.
6229 var. scopulorum, Gray.
6230 nana, Nutt.
S 6231 neglecta, T. & G.
6232 var. linoides, Gray.
C S 6233 nemoralis, Ait.
6234 var. incana, Gray.
6235 nitida, T. & G.
S 6236 occidentalis, Nutt.
S 6237 odora, Ait.
C S 6238 Ohioensis, Riddell.
C S 6239 patula, Muhl.
6240 var strictula, T. & G.
6241 paucifloscula, Michx.
6242 petiolaris, Ait.
6243 var. angusta, Gray.
S 6244 pilosa, Walt.
S 6245 puberula, Nutt.
6246 var. pulverulenta, Chapm.
6247 pumila, T. & G.
6248 radula, Nutt.
S 6249 Riddellii, Frank.
S 6250 rigida, L.
C S 6251 rugosa, Mill.
6252 rupestris, Raf.
C S 6253 sempervirens, L.
6254 var. viminea, Gray.
C S 6255 serotina, Ait.
C S 6256 var. gigantea, Gray.
6257 Shortii, T. & G.

6258 sparsiflora, Gray.
6259 var. subcinerea, Gray.
6260 spathulata, DC.
6261 speciosa, Nutt.
6262 var. angustata, T. & G.
6263 var. rigidiuscula, T. & G.
6264 spectabilis, Gray.
6265 spithamæa, M. A. Curtis.
6266 squarrosa, Muhl.
6267 stricta, Ait.
6268 var. angustifolia, Gray.
6269 tenuifolia, Pursh.
6270 Terræ-Novæ, T. & G.
6271 Tolmieana, Gray.
6272 tortifolia, Ell.
6273 uliginosa, Nutt.
6274 ulmifolia, Muhl.
6275 var. microphylla, Gray.
6276 verna, M. A. Curtis.
6277 Virgaurea, L., var. alpina, Big.

SOLIVA 3973
6278 *nasturtiifolia, DC.*
6279 sessilis, Ruiz & Pav.

SONCHUS 4211
6280 *arvensis, L.*
6281 *asper, Vill.*
6282 *oleraceus, L.*
6283 *tenerrimus, L.*

SPILANTHES 3835
6284 repens, Michx.

STEPHANOMERIA 4223
6285 cichoriacea, Gray.
6286 exigua Nutt.
6287 lactucina, Gray.
6288 minor, Nutt.
6289 myrioclada, Eaton.
6290 paniculata, Nutt.
6291 Parryi Gray.
6292 pentachæta, Eaton.
6293 runcinata, Nutt.
6294 Schottii, Gray.
6295 Thurberi, Gray.
6296 tomentosa, Greene.
6297 virgata, Benth.
6298 Wrightii, Gray.

STEVIA 3450
6299 amabilis, Lemmon.
6300 Lemmoni, Gray.
6301 micrantha, Lag.
6302 Plummeræ, Gray.
6303 var. alba, Gray.
6304 salicifolia, Cav.
6305 serrata, Cav.

STOKESIA 3418
6306 cyanea, L'Her.

STYLOCLINE 3603
6307 filaginea, Gray.
6308 gnaphalioides, Nutt.
6309 micropoides, Gray.

SYNEDRELLA 3842
6310 vialis, Gray.

SYNTRICHOPAPPUS 3900
6311 Fremonti, Gray.
6312 Lemmoni, Gray.

TAGETES 3929
6313 Lemmoni, Gray.
6314 micrantha, Cav.

TANACETUM 3986
6315 camphoratum, Less.
6316 canum, Eaton.
6317 capitatum, T. & G.
6318 diversifolium, Eaton.
6319 Huronense, Nutt.
6320 Nuttallii, T. & G.
6321 potentilloides, Gray.
6322 *vulgare, L.*

TARAXACUM 4201
6323 officinale, Weber.
6324 var. alpinum, Koch.
6325 var. glaucescens, Koch.
6326 var. lividum, Koch.
6327 var. scopulorum, Gray.

TETRADYMIA 4030
6328 canescens, DC.
6329 var. inermis, Gray.
6330 comosa, Gray
6331 glabrata, Gray.
6332 Nuttallii, T. & G.
6333 spinosa, Hook. & Arn.
6334 stenolepis, Greene.

TETRAGONOTHECA 3804
6335 helianthoides, L.
6336 Ludoviciana, Gray.
6337 var. repanda, Gray.
6338 Texana, Gray & Engelm.

THELESPERMA 3654
6339 ambiguum, Gray.
6340 filifolium, Gray.
6341 gracile, Gray.
6342 longipes, Gray.
6343 subnudum, Gray.
6344 subsimplicifolium, Gray.

6277c Yadkinensis Small

TITHONIA 3822
6345 Thurberi, Gray.
TOWNSENDIA 3534
6346 Arizonica, Gray.
6347 condensata, Parry.
6348 eximia, Gray.
6349 Fendleri, Gray.
6350 florifer, Gray.
6351 glabella, Gray.
6352 grandiflora, Nutt.
6353 incana, Nutt.
6354 Parryi, Eaton.
6355 var. alpina, Gray.
6356 Rothrockii, Gray.
6357 scapigera, Eaton.
6358 var. ambigua, Gray.
6359 var. caulescens, Eaton.
6360 sericea, Hook.
6361 var. leptotes, Gray.
6362 spathulata, Nutt.
6363 strigosa, Nutt.
6364 Watsoni, Gray.
6365 Wilcoxiana, Wood.
TRAGOPOGON 4217
6366 *porrifolius*, *L.*
6367 *pratensis*, *L.*
TRICHOCORONIS 3442
6368 rivularis, Gray.
6369 Wrightii, Gray.
TRICHOPTILIUM 3939
6370 incisum, Gray.
TRILISA 3471
6371 odoratissima, Cass.
6372 paniculata, Cass.
TRIXIS 4153
6373 angustifolia, DC.
6374 var. latiuscula, Gray.
TROXIMON 4199
6375 alpestre, Gray.
6376 apargioides, Less.
6377 Arizonicum, Greene.
6378 aurantiacum, Hook.
6379 var. purpureum, Gray.
6380 barbellulatum, Greene.
6381 cuspidatum, Pursh.
6382 elatum, Greene.
6383 glaucum, Nutt.
6384 var. dasycephalum, T. & G.
6385 var. laciniatum, Gray.
6386 var. parviflorum, Gray.
6387 gracilens, Gray.
6388 var. Greenei, Gray.
6389 grandiflorum, Gray.
6390 heterophyllum, Greene.
6391 var. Cryptopleura, Greene.
6392 var. Kymapleura, Greene.
6393 humile, Gray.
6394 laciniatum, Gray.
6395 Marshallii, Greene.
6396 Nuttallii, Gray.
6397 plebeium, Greene.
6398 retrorsum, Gray.
TUSSILAGO 3997
6399 *Farfara*, *L.*
VARILLA 3796
6400 Texana, Gray.
VENEGASIA 3881
6401 carpesioides, DC.
VERBESINA 3832
6402 encelioides, Benth. & Hook.
6403 helianthoides, Michx.
6404 heterophylla, Gray.
6405 longifolia, Gray.
6406 nudicaulis, Gray.
6407 occidentalis, Walt.
6408 Virginica, L.
6409 var. laciniata, Gray.
6410 Warei, Gray.
6411 Wrightii, Gray.
VERNONIA 3405
6412 altissima, Nutt.
6413 var. grandiflora, Nutt.
6414 angustifolia, Michx.
6415 var. pumila, Chapm.
6416 var. scaberrima, Gray.
6417 var. Texana, T. & G.
6418 Arkansana, DC.
6419 Baldwinii, Torr.
6420 fasciculata, Michx.
6421 Jamesii, T. & G.
6422 Lettermani, Engelm.
6423 Lindheimeri, Gray & Engelm.
6424 Noveboracensis, Willd.
6425 var. latifolia, Gray.
6426 oligophylla, Michx.
VIGUIERA 3823
6427 canescens, DC.
6428 cordifolia, Gray.
6429 helianthoides, HBK.
6430 laciniata, Gray.

6431 longipes, Coult.
6432 Parishii, Greene.
6433 reticulata, Watson.
6434 tephrodes, Gray.

WEDELIA 3814
6435 carnosa, Pers.

WHITNEYA 3891
6436 dealbata, Gray.

WYETHIA 3821
6437 amplexicaulis, Nutt.
6438 angustifolia, Nutt.
6439 Arizonica, Gray.
6440 coriacea, Gray.
6441 glabra, Gray.
6442 helenioides, Nutt.
6443 helianthoides, Nutt.
6444 longicaulis, Gray.
6445 mollis, Gray.
6446 ovata, T. & G.
6447 reticulata, Greene.
6448 scabra, Hook.

XANTHISMA 3487
6449 Texanum, DC.

XANTHIUM 3771
6450 Canadense, Mill.
6451 var. echinatum, Gray.
6452 *spinosum*, *L.*
6453 *strumarium*, *L.*

XANTHOCEPHALUM 3476
6454 gymnospermoides, B. & H.
6455 Wrightii, Gray.

ZEXMENIA 3619
6456 brevifolia, Gray.
6457 hispida, Gray.
6458 podocephala, Gray.

ZINNIA 3777
6459 acerosa, Gray.
6460 anomala, Gray.
6461 grandiflora, Nutt.
6462 pauciflora, L.
6463 pumila, Gray.

## GOODENIACEÆ.

SCÆVOLA 4237
6464 Plumieri, Vahl.

## LOBELIACEÆ.

DOWNINGIA 4259
6465 bicornuta, Gray.
6466 concolor, Greene.
6467 elegans, Torr.
6468 insignis, Greene.
6469 montana, Greene.
6470 ornatissima, Greene.
6471 pulchella, Torr.
6472 tricolor, Greene.

HOWELLIA 4257
6473 aquatilis, Gray.
6474 limosa, Greene.

LAURENTIA 4253
6475 carnosula, Benth.

LOBELIA 4262
6476 amœna, Michx.
6477 var. glandulifera, Gray.
6478 var. obtusata, Gray.
6479 appendiculata, A. DC.
6480 Berlandieri, DC.
6481 Boykini, T. & G.
6482 brevifolia, Nutt.
6483 Canbyi, Gray.
6484 cardinalis, L.
6485 Cliffortiana, L.
6486 var. brachypoda, Gray.
6487 var. Xalapensis, Gray.
6488 Dortmanna, L.
6489 Feayana, Gray.
6490 fenestralis, Cav.
6491 Gattingeri, Gray.
6492 glandulosa, Walt.
6493 gruina, Cav.
6494 inflata, L.
6495 Kalmii, L.
6496 leptostachys, A. DC.
6497 Ludoviciana, Gray.
6498 Nuttallii, Roem. & Schult.
6499 paludosa, Nutt.
6500 var. Floridana, Gray.
6501 puberula, Michx.
6502 var. glabella, Hook.
6503 spicata, Lam.
6504 var. hirtella, Gray.
6505 var. parviflora, Gray.
6506 splendens, Willd.
6507 syphilitica, L.

NEMACLADUS 4268
6508 longiflorus, Gray.
6509 ramosissimus, Nutt.
6510 var. montanus, Gray.
6511 var. pinnatifidus, Gray.
6512 rigidus, Curran.

PALMERELLA 4254
6513 debilis, Gray.
6514 var. serrata, Gray.

PARISHELLA [4287]
6515 Californica, Gray.

## CAMPANULACEÆ.

CAMPANULA [4296]
6516 Americana, L.
6517 aparinoides, Pursh.
6518 aurita, Greene.
6519 divaricata, Michx.
6520 exigua, Rattan.
6521 Floridana, Watson.
6522 *glomerata*, *L.*
6523 lasiocarpa, Cham.
6524 linnæifolia, Gray.
6525 Parryi, Gray.
6526 pilosa, Pall.
6527 prenanthoides, Durand.
6528 *rapunculoides*, *L.*
6529 Reverchoni, Gray.
6530 rotundifolia, L.
6531 var. Alaskana, Gray.
6532 var. alpina, Tuckerm.
6533 var. velutina, DC.
6534 scabrella, Engelm.
6535 Scouleri, Hook.
6536 uniflora, L.

GITHOPSIS [4286]
6537 diffusa, Gray.
6538 specularioides, Nutt.

HETEROCODON [(4296)]
6539 rariflorum, Nutt.

SPECULARIA [4298]
6540 biflora, Gray.
6541 leptocarpa, Gray.
6542 Lindheimeri, Vatke.
6543 perfoliata, A. DC.

SPHENOCLEA [4291]
6544 *Zeylanica*, *Gaertn.*

## ERICACEÆ.

ALLOTROPA [4386]
6545 virgata, T. & G.

ANDROMEDA [4345]
6546 ferruginea, Walt.
6547 floribunda, Pursh.
6548 ligustrina, Muhl.
6549 var. pubescens, Gray.
6550 Mariana, L.
6551 nitida, Bartr.
6552 phillyreifolia, Hook.
6553 polifolia, L.
6554 speciosa, Michx.

ARBUTUS [4329]
6555 Menziesii, Pursh.
6556 Xalapensis, HBK., var. Arizonica, Gray.
6557 var. Texana, Gray.

ARCTOSTAPHYLOS [4330]
6558 alpina, Spreng.
6559 Andersonii, Gray.
6560 bicolor, Gray.
6561 diversifolia, Parry.
6562 glauca, Lindl.
6563 Hookeri, Don.
6564 insularis, Greene.
6565 Manzanita, Parry.
6566 myrtifolia, Parry.
6567 Nevadensis, Gray.
6568 nummularia, Gray.
6569 Pringlei, Parry.
6570 var. (?) drupacea, Parry.
6571 pumila, Nutt.
6572 Stanfordiana, Parry.
6573 tomentosa, Dougl.
6574 Uva-ursi, Spreng.
6575 viscida, Parry.

BEJARIA [4374]
6576 racemosa, Vent.

BRYANTHUS [4363]
6577 Aleuticus, Gray.
6578 Breweri, Gray.
6579 empetriformis, Gray.
6580 var. intermedius, Gray.
6581 glanduliflorus, Gray.
6582 taxifolius, Gray.

CALLUNA [4349]
6583 vulgaris, Salisb.

CASSANDRA [4335]
6584 calyculata, Don.
6585 var. angustifolia, Gray.

CASSIOPE [4336]
6586 hypnoides, Don.
6587 lycopodioides, Don.
6588 Mertensiana, Don.
6589 Stelleriana, DC.
6590 tetragona, Don.

CHIMAPHILA [4380]
6591 maculata, Pursh.
6592 Menziesii, Spreng.
6593 umbellata, Nutt.

CHIOGENES [4327]
6594 serpyllifolia, Salisb.

CLADOTHAMNUS [4371]
6595 pyrolæflorus, Bong.

CLETHRA 4361
6596 acuminata, Michx.
6597 alnifolia, L.
6598 var. tomentosa, Michx.
ELLIOTTIA 4372
6599 racemosa, Muhl.
EPIGÆA 4339
6600 repens, L.
GAULTHERIA 4332
6601 Myrsinites, Hook.
6602 ovatifolia, Gray.
6603 procumbens, L.
6604 Shallon, Pursh.
GAYLUSSACIA 4320
6605 brachycera, Gray.
6606 dumosa, T. & G.
6607 var. hirtella, Gray.
6608 frondosa, T. & G.
6609 var. nana, Gray.
6610 resinosa, T. & G.
6611 ursina, T. & G.
KALMIA 4366
6612 angustifolia, L.
6613 cuneata, Michx.
6614 glauca, Ait.
6615 hirsuta, Walt.
6616 latifolia, L.
LEDUM 4373
6617 glandulosum, Nutt.
6618 latifolium, Ait.
6619 palustre, L.
6620 var. dilatatum, Wahl.
LEIOPHYLLUM 4369
6621 buxifolium, Ell.
6622 var. prostratum, Gray.
LEUCOTHOE 4337
6623 acuminata, Don.
6624 axillaris, Don.
6625 Catesbæi, Gray.
6626 Davisiæ, Torr.
6627 racemosa, Gray.
6628 recurva, Buckl.
LOISELEURIA 4362
6629 procumbens, Desv.
MENZIESIA 4376
6630 ferruginea, Smith.
6631 glabella, Gray.
6632 globularis, Salisb.
MONESES 4379
6633 grandiflora, Salisb.
MONOTROPA 4387
6634 fimbriata, Gray.
6635 Hypopitys, L.
6636 uniflora, L.
NEWBERRYA 4365
6637 congesta, Torr.
6638 spicata, Gray.
OXYDENDRUM 4338
6639 arboreum, DC.
PLEURICOSPORA 4390
6640 fimbriolata, Gray.
PTEROSPORA 4382
6641 Andromedea, Nutt.
PYROLA 4378
6642 aphylla, Smith.
6643 chlorantha, Swartz.
6644 var. occidentalis, Gray.
6645 elliptica, Nutt.
6646 minor, L.
6647 oxypetala, C. F. Austin.
6648 picta, Smith.
6649 rotundifolia, L.
6650 var. asarifolia, Hook.
6651 var. bracteata, Gray.
6652 var. incarnata, DC.
6653 var. pumila, Hook.
6654 var. uliginosa, Gray.
6655 secunda, L.
6656 var. pumila, Gray.
RHODODENDRON 4375
6657 albiflorum, Hook.
6658 arborescens, Torr.
6659 calendulaceum, Torr.
6660 Californicum, Hook.
6661 Catawbiense, Michx.
6662 Chapmanii, Gray.
6663 Kamtschaticum, Pall.
6664 Lapponicum, Wahl.
6665 macrophyllum, Don.
6666 maximum, L.
6667 nudiflorum, Torr.
6668 occidentale, Gray.
6669 punctatum, Andr.
6670 Rhodora, Don.
6671 Vaseyi, Gray.
6672 viscosum, Torr.
6673 var. glaucum, Gray.
6674 var. nitidum, Gray.
SARCODES 4383
6675 sanguinea, Torr.
SCHWEINITZIA 4384
6676 odorata, Ell.
6677 Reynoldsiæ, Gray.
VACCINIUM 4321
6678 arboreum, Marshall.

6679 cæspitosum, Michx.
6680 var. arbuscula, Gray.
6681 var. cuneifolium, Nutt.
6682 Canadense, Kalm.
6683 corymbosum, L.
6684 var. amœnum, Gray.
6685 var. atrococcum, Gray.
6686 var. fuscatum, Gray.
6687 var. pallidum, Gray.
6688 crassifolium, Andr.
6689 erythrocarpon, Michx.
6690 formosum, Andr.
6691 hirsutum, Buckl.
6692 macrocarpon, Ait.
6693 Myrsinites, Lam.
6694 var. glaucum, Gray.
6695 myrtilloides, Hook.
6696 Myrtillus, L.
6697 var. microphyllum, Hook.
6698 nitidum, Andr.
6699 occidentale, Gray.
6700 ovalifolium, Smith.
6701 ovatum, Pursh.
6702 Oxycoccus, L.
6703 var. intermedium, Gray.
6704 parvifolium, Smith.
6705 Pennsylvanicum, Lam.
6706 var. angustifolium, Gray.
6707 salicinum, Cham.
6708 stamineum, L.
6709 uliginosum, L.
6710 var. mucronatum, Herder.
6711 vacillans, Solander.
6712 virgatum, Ait.
6713 var. parvifolium, Gray.
6714 var. tenellum, Gray.
6715 Vitis-Idæa, L.

## DIAPENSIACEÆ.

DIAPENSIA 4418
6716 Lapponica, L.

GALAX 4421
6717 aphylla, L.

PYXIDANTHERA 4417
6718 barbulata, Michx.

SHORTIA 4419
6719 galacifolia, T. & G.

## LENNOACEÆ.

AMMOBROMA 4424
*6720 Sonoræ, Torr.*

PHOLISMA 4423
6721 arenarium, Nutt.

## PLUMBAGINACEÆ.

ARMERIA 4429
6722 vulgaris, Willd.

PLUMBAGO 4431
6723 scandens, L.

STATICE 4428
6724 Brasiliensis, Boiss.
6725 var. angustata, Gray.
6726 Limonium, L.
6727 var. Californica, Gray.
6728 var. Caroliniana, Gray.

## PRIMULACEÆ.

ANAGALLIS 4454
6729 *arvensis, L.*

ANDROSACE 4437
6730 Arizonica, Gray.
6731 Chamæjasme, Host.
6732 filiformis, Retz.
6733 occidentalis, Pursh.
6734 septentrionalis, L.
6735 var. subulifera, Gray.

CENTUNCULUS 4455
6736 minimus, L.
6737 pentandrus, R. Br.

DODECATHEON 4446
6738 Clevelandi, Greene.
6739 ellipticum, Nutt.
6740 frigidum, Cham. & Schlecht.
6741 var. dentatum, Gray.
6742 Hendersoni, Gray.
6743 var. cruciatum, Greene.
6744 Jeffreyi, Moore.
6745 var. alpinum, Gray.
6746 Meadia, L.
6747 var. alpinum, Gray.
6748 var. brevifolium, Gray.
6749 var. latilobum, Gray.
6750 patulum, Greene.
6751 pauciflorum, Greene.
6752 var. monanthum, Greene.

DOUGLASIA 4436
6753 arctica, Hook.
6754 lævigata, Gray.
6755 montana, Gray.
6756 nivalis, Lindl.
6757 var. dentata, Gray.

GLAUX 4453
6758 maritima, L.

HOTTONIA 4434
6759 inflata, Ell.
LYSIMACHIA 4448
6760 asperulæfolia, Poir.
6761 Fraseri, Duby.
6762 *nummularia*, *L.*
6763 quadrifolia, L.
6764 stricta, Ait.
6765 var. angustifolia, Chapm.
6766 var. producta, Gray.
6767 thyrsiflora, L.
6768 *vulgaris*, *L.*
PRIMULA 4435
6769 angustifolia, Torr.
6770 borealis, Duby.
6771 cuneifolia, Ledeb.
6772 Cusickiana, Gray.
6773 Egaliksensis, Hornem.
6774 farinosa, L.
6775 Mistassinica, Michx.
6776 nivalis, Pall.
6777 Parryi, Gray.
6778 Rusbyi, Greene.
6779 Sibirica, Jacq.
6780 suffrutescens, Gray.
SAMOLUS 4457
6781 ebracteatus, HBK.
6782 *Valerandi*, *L.*
6783 var. Americanus, Gray.
STEIRONEMA 4449
6784 ciliatum, Raf.
6785 lanceolatum, Gray.
6786 var. angustifolium, Gray.
6787 var. hybridum, Gray.
6788 longifolium, Gray.
6789 radicans, Gray.
TRIENTALIS 4451
6790 Americana, Pursh.
6791 Europæa, L.
6792 var. arctica, Ledeb.
6793 var. latifolia, Torr.

## MYRSINACEÆ.

ARDISIA 4470
6794 Pickeringia, T. & G.
JACQUINIA 4482
6795 armillaris, L.
6796 pungens, Gray.
MYRSINE 4460
6797 Rapanea, Roem. & Schult.

## SAPOTACEÆ.

BUMELIA 4506
6798 angustifolia, Nutt.
6799 lanuginosa, Pers.
6800 var. rigida, Gray.
6801 lycioides, Pers.
6802 reclinata, Vent.
6803 tenax, Willd.
CHRYSOPHYLLUM 4489
6804 oliviforme, Lam.
DIPHOLIS 4507
6805 salicifolia, A. DC.
MIMUSOPS 4508
6806 Sieberi, A. DC.
SIDEROXYLON 4503
6807 mastichodendron, Jacq.

## EBENACEÆ.

DIOSPYROS 4524
6808 Texana, Scheele.
6809 Virginiana, L.

## STYRACACEÆ.

HALESIA 4528
6810 diptera, L.
6811 parviflora, Michx.
6812 tetraptera, L.
STYRAX 4529
6813 Americana, Lam.
6814 Californica, Torr.
6815 grandifolia, Ait.
6816 platanifolia, Engelm.
6817 pulverulenta, Michx.
SYMPLOCOS 4527
6818 tinctoria, L'Her.

## OLEACEÆ.

CHIONANTHUS 4546
6819 Virginica, L.
FORESTIERA 4542
6820 acuminata, Poir.
6821 angustifolia, Torr.
6822 ligustrina, Poir.
6823 Neo-Mexicana, Gray.
6824 var. Arizonica, Gray.
6825 porulosa, Poir.
6826 pubescens, Nutt.
6827 sphærocarpa, Torr.
6828 reticulata, Torr.
FRAXINUS 4540
6829 Americana, L.
6830 var. microcarpa, Gray.
6831 var. (?) Texensis, Gray.
6832 anomala, Torr.
6833 cuspidata, Torr.
6834 dipetala, Hook. & Arn.
6835 var. brachyptera, Gray.

6836 var. trifoliolata, Torr.
6837 Greggii, Gray.
6838 Oregana, Nutt.
6839 pistaciæfolia, Torr.
6840 var. coriacea, Gray.
6841 platycarpa, Michx.
6842 pubescens, Lam.
6843 quadrangulata, Michx.
6844 sambucifolia, Lam.
6845 viridis, Michx. f.
6846 var. Berlandieriana, Gray.

HESPERELÆA 4545
6847 Palmeri, Gray.

LIGUSTRUM 4551
6848 *vulgare*, L.

MENODORA 4535
6849 heterophylla, Moric.
6850 longiflora, Gray.
6851 pubens, Gray.
6852 scabra, Gray.
6853 scoparia, Engelm.
6854 spinescens, Gray.

OSMANTHUS 4544
6855 Americana, Benth. & Hook.

## APOCYNACEÆ.

AMSONIA 4599
6856 angustifolia, Michx.
6857 var. Texana, Gray.
6858 brevifolia, Gray.
6859 longiflora, Torr.
6860 Palmeri, Gray.
6861 Tabernæmontana, Walt.
6862 tomentosa, Torr.

APOCYNUM 4642
6863 androsæmifolium, L.
6864 var. pumilum, Gray.
6865 cannabinum, L.

CYCLADENIA 4677
6866 humilis, Benth.
6867 var. tomentosa, Gray.

ECHITES 4665
6868 Andrewsii, Chapm.
6869 paludosa, Vahl.
6870 Sagræi, A. DC.
6871 umbellata, Jacq.

HAPLOPHYTON 4660
6872 cimicidum, A. DC.

MACROSIPHONIA 4670
6873 Berlandieri, Gray.
6874 brachysiphon, Gray.
6875 Wrightii, Gray.

TRACHELOSPERMUM 4663
6876 difforme, Gray.

VALLESIA 4579
6877 glabra, Link.

VINCA 4603
6878 rosea, L.

## ASCLEPIADACEÆ.

ACERATES (4739)
6879 auriculata, Engelm.
6880 bifida, Rusby.
6881 lanuginosa, Decsne.
6882 longifolia, Ell.
6883 viridiflora, Ell.
6884 var. lanceolata, Gray.
6885 var. linearis, Gray.

ANANTHERIX (4739)
6886 connivens, Gray.

ASCLEPIAS 4742
6887 albicans, Watson.
6888 amplexicaulis, Michx.
6889 arenaria, Torr.
6890 brachystephana, Engelm.
6891 cinerea, Walt.
6892 Cornuti, Decsne.
6893 cryptoceras, Watson.
6894 Curassavica, L.
6895 Curtissii, Gray.
6896 eriocarpa, Benth.
6897 erosa, Torr.
6898 var. obtusa, Gray.
6899 Feayi, Chapm.
6900 Fremonti, Torr.
6901 glaucescens, HBK.
6902 Hallii, Gray.
6903 incarnata, L.
6904 var. longifolia, Gray.
6905 var. pulchra, Pers.
6906 involucrata, Engelm.
6907 Jamesii, Torr.
6908 Lemmoni, Gray.
6909 Linaria, Cav.
6910 longicornu, Benth.
6911 macrotis, Torr.
6912 Meadii, Torr.
6913 Mexicana, Cav.
6914 Michauxii, Decsne.
6915 nummularia, Torr.
6916 nyctaginifolia, Gray.
6917 obovata, Ell.
6918 obtusifolia, Michx.

6919 ovalifolia, Decsne.
6920 paupercula, Michx.
6921 perennis, Walt.
6922 var. parvula, Gray.
6923 phytolaccoides, Pursh.
6924 purpurascens, L.
6925 quadrifolia, L.
6926 quinquedentata, Gray.
6927 rubra, L.
6928 speciosa, Torr.
6929 stenophylla, Gray.
6930 subulata, Decsne.
6931 Sullivantii, Engelm.
6932 tomentosa, Ell.
6933 tuberosa, L.
6934 var. decumbens, Pursh.
6935 var. flexuosa, James.
6936 uncialis, Greene.
6937 variegata, L.
6938 verticillata, L.
6939 var. pumila, Gray.
6940 var. subverticillata, Gray.
6941 vestita, Hook. & Arn.
6942 var. Mohavensis, Gray.
6943 viridula, Chapm.

**ASCLEPIODORA** [4743]
6944 decumbens, Gray.
6945 viridis, Gray.
6946 var. angustior, Gray.

**ASTEPHANUS** [4716]
6947 Utahensis, Engelm.

**ENSLENIA** [4759]
6948 albida, Nutt.

**GOMPHOCARPUS** [4739]
6949 cordifolius, Benth.
6950 hypoleucus, Gray.
6951 tomentosus, Gray.
6952 var. Xanti, Gray.

**GONOLOBUS** [4801]
6953 Baldwinianus, Sweet.
6954 biflorus, Nutt.
6955 var. Wrightii, Gray.
6956 Carolinensis, R. Br.
6957 cynanchoides, Engelm.
6958 hirsutus, Michx.
6959 var. flavidulus, Gray.
6960 lævis, Michx.
6961 var. macrophyllus, Gray.
6962 obliquus, R. Br.
6963 parviflorus, Gray.
6964 parvifolius, Torr.
6965 productus, Torr.
6966 pubiflorus, Engelm.
6967 reticulatus, Engelm.
6968 sagittifolius, Gray.
6969 Shortii, Gray.
6970 suberosus, R. Br.

**LACHNOSTOMA** [4808]
6971 Arizonicum, Gray.

**METASTELMA** [4745]
6972 Arizonicum, Gray.
6973 Bahamense, Griseb.
6974 barbigerum, Scheele.
6975 Blodgettii, Gray.
6976 Palmeri, Watson.
6977 Reverchoni, Gray.

**PATTALIAS** [(4761)]
6978 angustifolius, Watson.

**PERIPLOCA** [4709]
6979 *Græca, L.*

**PHEROTRICHIS** [4809]
6980 Schaffneri, Gray.

**PHILIBERTIA** [4726]
6981 cynanchoides, Gray.
6982 linearis, Gray.
6983 var. heterophylla, Gray.
6984 var. hirtella, Gray.
6985 Torreyi, Gray.
6986 undulata, Gray.
6987 viminalis, Gray.

**PODOSTIGMA** [4744]
6988 pubescens, Ell.

**ROTHROCKIA** [4797]
6989 cordifolia, Gray.

**ROULINIA** [4786]
6990 unifaria, Engelm.

**SCHIZONOTUS** [4740]
6991 purpurascens, Gray.

**VINCETOXICUM** [(4779)]
6992 *nigrum, Moench.*
6993 palustre, Gray.
6994 scoparium, Gray.

## LOGANIACEÆ.

**BUDDLEIA** [4698]
6995 Humboldtiana, Roem. & Sch.
6996 marrubiifolia, Benth.
6997 Pringlei, Gray.
6998 racemosa, Torr.
6999 var. incana, Torr.
7000 scordioides, HBK.

**EMORYA** [4899]
7001 suaveolens, Torr.

GELSEMIUM 4864
7002 sempervirens, Ait.
MITREOLA 4869
7003 petiolata, T. & G.
7004 sessiliflora, T. & G.
POLYPREMUM 4891
7005 procumbens, L.
SPIGELIA 4888
7006 gentianoides, Chapm.
7007 Lindheimeri, Gray.
7008 loganioides, A. DC.
7009 Marilandica, L.
7010 Texana, A. DC.

## GENTIANACEÆ.

BARTONIA 4962
7011 tenella, Muhl.
7012 verna, Muhl.
ERYTHRÆA 4937
7013 Beyrichii, T. & G.
7014 calycosa, Buckl.
7015 var. Arizonica, Gray.
7016 var. nana, Gray.
7017 *Centaurium*, *Pers.*
7018 Douglasii, Gray.
7019 floribunda, Benth.
7020 Muhlenbergii, Griseb.
7021 nudicaulis, Engelm.
7022 Nuttallii, Watson.
7023 *ramosissima*, *Pers.*
7024 *spicata*, *Pers.*
7025 Texensis, Griseb.
7026 trichantha, Griseb.
7027 venusta, Gray.
EUSTOMA 4948
7028 Russellianum, Griseb.
7029 var. gracile, Gray.
7030 silenifolium, Salisb.
FRASERA 4959
7031 albicaulis, Dougl.
7032 albomarginata, Watson.
7033 Carolinensis, Walt.
7034 Cusickii, Gray.
7035 nitida, Benth.
7036 paniculata, Torr.
7037 Parryi, Torr.
7038 speciosa, Dougl.
7039 thyrsiflora, Hook.
GENTIANA 4955
7040 affinis, Griseb.
7041 alba, Muhl.
7042 Amarella, L., v. acuta, Hook. f.
*7043* *var. stricta*, Watson.
7044 var. tenuis, Gray.
7045 Andrewsii, Griseb.
7046 angustifolia, Michx.
7047 arctophila, Griseb.
7048 aurea, L.
7049 auriculata, Pall.
7050 barbellata, Engelm.
7051 Bigelovii, Gray.
7052 calycosa, Griseb.
7053 crinita, Froel.
7054 Douglasiana, Bong.
7055 Elliottii, Chapm.
7056 Forwoodii, Gray.
7057 frigida, Hænke.
7058 glauca, Pall.
7059 heterosepala, Engelm.
7060 humilis, Stev.
7061 linearis, Froel.
7062 var. lanceolata, Gray.
7063 var. latifolia, Gray.
7064 Menziesii, Griseb.
7065 microcalyx, Lemmon.
7066 Newberryi, Gray.
7067 nivalis, L.
7068 ochroleuca, Froel.
7069 Oregana, Engelm.
7070 Parryi, Engelm.
7071 platypetala, Griseb.
7072 propinqua, Richards.
7073 var. densiflora, Griseb.
7074 prostrata, Hænke.
7075 puberula, Michx.
7076 quinqueflora, Lam.
7077 var. occidentalis, Gray.
7078 var. parviflora, Raf.
7079 Rusbyi, Greene.
7080 Saponaria, L.
7081 sceptrum, Griseb.
7082 serrata, Gunner.
7083 var. grandis, Gray.
7084 var. holopetala, Gray.
7085 setigera, Gray.
7086 simplex, Gray.
7087 tenella, Rottb.
7088 ventricosa, Griseb.
7089 Wislizeni, Engelm.
7090 Wrightii, Gray.
HALENIA 4960
7091 deflexa, Griseb.
7092 var. Brentoniana, Gray.
7093 Rothrockii, Gray.

**LIMNANTHEMUM** 4965
7094 lacunosum, Griseb.
7095 trachyspermum, Gray.
**MICROCALA** 4927
7096 quadrangularis, Griseb.
**MENYANTHES** 4963
7097 Crista-galli, Menzies.
CS 7098 trifoliata, L.
**OBOLARIA** 4961
S 7099 Virginica, L.
**PLEUROGYNE** 4957
7100 Carinthiaca, Griseb, var. pusilla, Gray.
7101 rotata, Griseb.
**SABBATIA** 4939
S 7102 angularis, Pursh.
7103 Boykini, Gray.
7104 brachiata, Ell.
S 7105 calycosa, Pursh.
7106 campestris, Nutt.
CS 7107 chloroides, Pursh.
7108 var. stricta, Gray.
S 7109 Elliottii, Steud.
7110 gentianoides, Ell.
7111 gracilis, Salisb.
7112 var. grandiflora, Gray.
S 7113 lanceolata, T. & G.
7114 macrophylla, Hook.
7115 paniculata, Pursh.
S 7116 stellaris, Pursh.
**SWERTIA** 4958
S 7117 perennis, L.
**VOYRIA** 4929
7118 Mexicana, Griseb.

## POLEMONIACEÆ.

**GILIA** 4969
7119 achilleæfolia, Benth.
S 7120 aggregata, Spreng.
7121 var. attenuata, Gray.
7122 var. Bridgesii, Gray.
7123 ambigua, Rattan.
S 7124 androsacea, Steud.
7125 var. detonsa, Gray.
7126 var. rosacea, Gray.
S 7127 aristella, Gray.
7128 atractyloides, Steud.
7129 aurea, Nutt.
7130 var. decora, Gray.
7131 Bigelovii, Gray.
7132 Bolanderi, Gray.
7133 Brandegei, Gray.
7134 var. Lambornii, Gray.
7135 brevicula, Gray.
S 7136 Breweri, Gray.
7137 cæspitosa, Gray.
7138 Californica, Benth.
7139 campanulata, Gray.
S 7140 capillaris, Kellogg.
S 7141 capitata, Dougl.
7142 ciliata, Benth.
7143 congesta, Hook.
7144 var. crebrifolia, Gray.
7145 coronopifolia, Pers.
7146 cotulæfolia, Steud.
7147 debilis, Watson.
7148 demissa, Gray.
7149 densiflora, Benth.
7150 densifolia, Benth.
7151 var. elongata, Gray.
7152 depressa, Jones.
7153 dianthoides, Endl.
S 7154 dichotoma, Benth.
7155 divaricata, Torr.
7156 diversifolia, (Greene)
7157 filicaulis, Torr.
7158 filifolia, Nutt.
7159 var. diffusa, Gray.
7160 filiformis, Parry.
S 7161 floccosa, Gray.
7162 floribunda, Gray.
7163 foliacea, (Greene)
7164 glutinosa, Gray.
S 7165 gracilis, Hook.
S 7166 grandiflora, Gray.
7167 Gunnisoni, T. & G.
7168 Harknessii, Curran.
7169 Havardi, Gray.
7170 Haydeni, Gray.
S 7171 heterophylla, Dougl.
7172 iberidifolia, Benth.
7173 incisa, Benth.
S 7174 inconspicua, Dougl.
7175 var. sinuata, Gray.
S 7176 intertexta, Steud.
7177 Jonesii, Gray.
7178 latiflora, Gray.
7179 var. exilis, Gray.
7180 latifolia, Watson.
S 7181 Lemmoni, Gray.
7182 leptomeria, Gray.
7183 leptotes, Gray.

7184 leucocephala, Gray.
7185 linearis, Gray.
7186 var. subulata, Gray.
7187 liniflora, Benth.
7188 var. pharnaceoides, Gray.
7189 longiflora, Don.
7190 lutescens, Steud.
7191 Macombii, Torr.
7192 Matthewsii, Gray.
7193 mellita, Greene.
7194 micrantha, Steud.
7195 var. longituba, Gray.
7196 micromeria, Gray.
7197 minima, Gray.
7198 minutiflora, Benth.
7199 multicaulis, Benth.
7200 var. tenera, Gray.
7201 multiflora, Nutt.
7202 var. cuspidata, Gray.
7203 Nevinii, Gray.
7204 nigellæformis, (Greene)
7205 nudicaulis, Gray.
7206 Nuttallii, Gray.
7207 Parryæ, Gray.
7208 parvula, Greene.
7209 pinnatifida, Nutt.
7210 polycladon, Torr.
7211 prolifera, (Greene)
7212 prostrata, Gray.
7213 pumila, Nutt.
7214 pungens, Benth.
7215 var. cæspitosa, Gray.
7216 var. Hookeri, Gray.
7217 var. squarrosa, Gray.
7218 pusilla, Benth.
7219 var. Californica, Gray.
7220 Rattani, Gray.
7221 Rawsoniana, (Greene)
7222 rigidula, Benth.
7223 var. acerosa, Gray.
7224 Schottii, Watson.
7225 setosissima, Gray.
7226 spicata, Nutt.
7227 var. capitata, Gray.
7228 squarrosa, Hook. & Arn.
7229 stenothyrsa, Gray.
7230 subnuda, Torr.
7231 subuligera, (Greene)
7232 tagetina, (Greene)
7233 tenella, Benth.
7234 tenerrima, Gray.
7235 tenuiflora, Benth.
7236 tenuifolia, Gray.
7237 Thurberi, Gray.
7238 tricolor, Benth.
7239 virgata, Steud.
7240 var. floribunda, Gray.
7241 viscidula, Gray.
7242 var. heterodoxa, Gray.
7243 Watsoni, Gray.
7244 Wrightii, Gray.

LŒSELIA 4971

7245 glandulosa, Don.

PHLOX 4967

7246 adsurgens, Torr.
7247 amœna, Sims.
7248 bifida, Beck.
7249 bryoides, Nutt.
7250 cæspitosa, Nutt.
7251 canescens, T. & G.
7252 divaricata, L.
7253 dolichantha, Gray.
7254 Douglasii, Hook.
7255 var. diffusa, Gray.
7256 var. longifolia, Gray.
7257 Drummondii, Hook.
7258 var. tenuis, Gray.
7259 var. villosissima, Gray.
7260 Floridana, Benth.
7261 glaberrima, L.
7262 var. suffruticosa, Gray.
7263 Hoodii, Richards.
7264 linearifolia, Gray.
7265 longifolia, Nutt.
7266 var. brevifolia, Gray.
7267 var. Stansburyi, Gray.
7268 maculata, L.
7269 var. candida, Michx.
7270 muscoides, Nutt.
7271 nana, Nutt.
7272 ovata, L.
7273 paniculata, L.
7274 pilosa, L.
7275 var. detonsa, Gray.
7276 reptans, Michx.
7277 Richardsonii, Hook.
7278 Rœmeriana, Scheele.
7279 Sibirica, L.
7280 speciosa, Pursh.
7281 var. Sabini, Gray.

7282 var. Woodhousei, Gray.
7283 Stellaria, Gray.
7284 subulata, L.

POLEMONIUM 4970

7285 cæruleum, L.
7286 var. acutiflorum, Ledeb.
7287 carneum, Gray.
7288 var. luteum, Gray.
7289 confertum, Gray.
7290 var. mellitum, Gray.
7291 filicinum, Greene.
7292 flavum, Greene.
7293 foliosissimum, Gray.
7294 humile, Willd.
7295 var. pulchellum, Gray.
7296 micranthum, Benth.
7297 pectinatum, Greene.
7298 reptans, L.
7299 viscosum, Nutt.

## HYDROPHYLLACEÆ.

CONANTHUS 4980

7300 aretioides, Watson.

DRAPERIA 4986

7301 systyla, Torr.

ELLISIA 4977

7302 chrysanthemifolia, Benth.
7303 membranacea, Benth.
7304 Nyctelea, L.
7305 Torreyi, Gray.

EMMENANTHE 4985

7306 glaberrima, Torr.
7307 glandulifera, Torr.
7308 lutea, Gray.
7309 parviflora, Gray.
7310 penduliflora, Benth.
7311 pusilla, Gray.

ERIODICTYON 4989

7312 angustifolium, Nutt.
7313 var. pubens, Gray.
7314 glutinosum, Benth.
7315 tomentosum, Benth.

HESPEROCHIRON 4981

7316 Californicus, Watson.
7317 pumilus, Porter.

HYDROLEA 4991

7318 affinis, Gray.
7319 Caroliniana, Michx.
7320 corymbosa, Ell.
7321 ovata, Nutt.

HYDROPHYLLUM 4975

7322 appendiculatum, Michx.
7323 Canadense, L.
7324 capitatum Dougl.
7325 var. alpinum, Watson.
7326 macrophyllum, Nutt.
7327 occidentale, Gray.
7328 var. Fendleri, Gray.
7329 var. Watsoni, Gray.
7330 Virginianum, L.

LEMMONIA 4979

7331 Californica, Gray.

NAMA 4990

7332 Coulteri, Gray.
7333 demissum, Gray.
7334 densa, Lemmon.
7335 depressum Lemmon.
7336 dichotomum, Chois.
7337 var. angustifolium, Gray.
7338 Havardi, Gray.
7339 hispidum, Gray.
7340 Jamaicense, L.
7341 Lobbii, Gray.
7342 origanifolium, HBK.
7343 Parryi, Gray.
7344 pusillum, Lemmon.
7345 Rothrockii, Gray.
7346 stenocarpum, Gray.
7347 stenophyllum, Gray.
7348 undulatum, HBK., var. macranthum, Chois.

NEMOPHILA 4976

7349 aurita, Lindl.
7350 breviflora, Gray.
7351 insignis, Dougl.
7352 maculata, Benth.
7353 Menziesii, Hook. & Arn.
7354 microcalyx, Fisch. & Mey.
7355 parviflora, Dougl.
7356 phacelioides, Nutt.
7357 racemosa, Nutt.

PHACELIA 4978

7358 Arizonica, Gray.
7359 Arthuri, Greene.
7360 bicolor, Torr.
7361 bipinnatifida, Michx.
7362 var. brevistylis, Gray.
7363 Bolanderi, Gray.
7364 brachyloba, Gray.
7365 Breweri, Gray.
7366 cærulea, Greene.
7367 campanularia, Gray.

7299a Allocarya scouleri (Hook.) Greene

7300a Cryptantha placida (Dougl.) Greene.

7368 cephalotes, Gray.
7369 ciliata, Benth.
7370 circinata, Jacq. f.
7371 var. calycosa, Gray.
7372 circinatiformis, Gray.
7373 congesta, Hook.
7374 var. dissecta, Gray.
7375 Covillei, Watson.
7376 crassifolia, Torr.
7377 crenulata, Torr.
7378 curvipes, Torr.
7379 Davidsonii, Gray.
7380 demissa, Gray.
7381 distans, Benth.
7382 divaricata, Gray.
7383 Douglasii, Torr.
7384 fimbriata, Michx.
7385 var. (?) Boykini, Gray.
7386 floribunda, Greene.
7387 Franklinii, Gray.
7388 Fremontii, Torr.
7389 glabra, Nutt.
7390 glandulosa, Nutt.
7391 glechomæfolia, Gray.
7392 grandiflora, Gray.
7393 grisea, Gray.
7394 gymnoclada, Torr.
7395 hispida, Gray.
7396 humilis, T. & G.
7397 var. calycosa, Gray.
7398 hydrophylloides, Torr.
7399 infundibuliformis, Torr.
7400 integrifolia, Torr.
7401 var. Palmeri, Gray.
7402 Ivesiana, Torr.
7403 Lemmoni, Gray.
7404 leucantha, Lemmon.
7405 loasæfolia, Torr.
7406 longipes, Torr.
7407 Lyoni, Gray.
7408 malvæfolia, Cham.
7409 Menziesii, Torr.
7410 micrantha, Torr.
7411 Mohavensis, Gray.
7412 var. exilis, Gray.
7413 namatoides, Gray.
7414 nemoralis, Greene.
7415 Neo-Mexicana, Thurb.
7416 pachyphylla, Gray.
7417 Parishii, Gray.
7418 Parryi, Torr.
7419 parviflora, Pursh.
7420 var. hirsuta, Gray.
7421 patuliflora, Gray.
7422 pedicellata, Gray.
7423 platyloba, Gray.
7424 Popei, T. & G.
7425 Pringlei, Gray.
7426 procera, Gray.
7427 pulchella, Gray.
7428 Purshii, Buckl.
7429 pusilla, Torr.
7430 ramosissima, Dougl.
7431 var. suffrutescens, Parry.
7432 Rattani, Gray.
7433 rotundifolia, Torr.
7434 rugulosa, Lemmon.
7435 saxicola, Gray.
7436 scabrella, Greene.
7437 sericea, Gray.
7438 var. Lyallii, Gray.
7439 strictiflora, Gray.
7440 suaveolens, Greene.
7441 tanacetifolia, Benth.
7442 viscida, Torr.
7443 var. albiflora, Gray.
7444 Whitlavia, Gray.

ROMANZOFFIA 4984
7445 Sitchensis, Bong.
7446 Unalaschkensis, Cham.

TRICARDIA 4982
7447 Watsoni, Torr.

## BORRAGINACEÆ.

AMSINCKIA 5029
7448 echinata, Gray.
7449 intermedia, Fisch. & Mey.
7450 lycopsoides, Lehm.
7451 var. bracteosa, Gray.
7452 spectabilis, Fisch. & Mey.
7453 tessellata, Gray.
7454 vernicosa, Hook. & Arn.
7455 var. grandiflora, Gray.

ASPERUGO 5033
7456 *procumbens*, *L.*

BOURRERIA 4997
7457 Havanensis, Miers.
7458 var. radula, Gray.

COLDENIA 5001
7459 brevicalyx, Watson.
7460 canescens, DC.

7461 Greggii, Gray.
7462 hispidissima, Gray.
S 7463 Nuttallii, Hook.
7464 Palmeri, Gray.

CORDIA 4992

7465 Boissieri, A. DC.
7466 globosa, HBK.
7467 podocephala, Torr.
7468 Sebestena, L.

CYNOGLOSSUM 5019

S 7469 grande, Dougl.
7470 var. læve, Gray.
7471 Howardi, Gray.
7472 occidentale, Gray.
S 7473 *officinale, L.*
CS 7474 Virginicum, L.

ECHIDIOCARYA 5038

7475 Arizonica, Gray.

ECHINOSPERMUM 5026 = Lappula

7476 brachycentrum, Ledeb, var. brachystylum, Gray.
7477 Californicum, Gray.
7478 ciliatum, Gray.
S 7479 deflexum, Lehm., var. Americanum, Gray.
S 7480 diffusum, Lehm.
S 7481 floribundum, Lehm.
7482 Greenei, Gray.
7483 hispidum, Gray.
CS 7484 *Lappula, Lehm.*
7485 pinetorum, Greene.
S 7486 Redowskii, Lehm., var. cupulatum, Gray.
S 7487 var. occidentale, Watson.
7488 ursinum, Greene.
CS 7489 Virginicum, Lehm.

ECHIUM 5065

S 7490 *vulgare, L.*

EHRETIA 4993

7491 elliptica, DC.

HARPAGONELLA 5014

7492 Palmeri, Gray.

HELIOTROPIUM 5006

7493 *anchusæfolium, Poir.*
7494 angustifolium, Torr.
7495 confertifolium, Torr.
7496 convolvulaceum, Gray.
S 7497 Curassavicum, L.
7498 *Europæum, L.*
7499 glabriusculum, Gray.
7500 Greggii, Torr.
S 7501 *Indicum, L.*
7502 inundatum, Swartz.
7503 parviflorum, L.
7504 phyllostachyum, Torr.
7505 polyphyllum, Lehm.
7506 var. Leavenworthii, Gray.
S 7507 tenellum, Torr.

KRYNITSKIA (5027)

7508 affinis, Gray.
7509 ambigua, Gray.
7510 angustifolia, Gray.
7511 Austinæ, (Greene)
7512 barbigera, Gray.
S 7513 Californica, Gray.
7514 var. subglochidiata, Gray.
S 7515 Chorisiana, Gray.
S 7516 circumscissa, Gray.
7517 Clevelandi, (Greene)
7518 Cooperi, Gray.
7519 crassisepala, Gray.
7520 Cusickii, (Greene)
7521 dichotoma, Greene.
7522 diffusa, (Greene)
7523 dumetorum, Greene.
7524 echinella, (Greene)
7525 Fendleri, Gray.
7526 floribunda, Gray.
7527 fulvocanescens, Gray.
7528 geminata, (Greene)
S 7529 glomerata, Gray.
7530 glomeriflora, (Greene)
7531 heliotropioides, Gray.
7532 Hickmanni, (Greene)
7533 hirta, (Greene)
7534 hispidissima, (Greene)
7535 hispidula, (Greene)
7536 holoptera, Gray.
S 7537 intermedia, Gray.
S 7538 Jamesii, Gray.
7539 Jonesii, Gray.
S 7540 leiocarpa, Fisch. & Mey.
S 7541 leucophæa, Gray.
7542 lithocarya, Greene.
7543 maritima, Greene.
S 7544 micrantha, Gray.
7545 var. lepida, Gray.
7546 micromeres, Gray.
7547 microstachys, Greene.
7548 Mohavensis, Greene.
7549 mollis, Gray.
S 7550 muriculata, Gray.

7551 nemaclada, (Greene)
S 7552 oxycarya, Gray.
7553 oxygona, Gray.
S 7554 Pattersoni, Gray.
7555 penicillata, (Greene)
7556 plebeia, Gray.
7557 polycarpa, (Greene)
S 7558 pterocarya, Gray.
7559 pusilla, Gray.
7560 racemosa, Greene.
7561 ramosa, Gray.
7562 ramosissima, Greene.
7563 Rattani, (Greene)
S 7564 Scouleri, Gray.
7565 scripta, (Greene)
7566 sericea, Gray.
7567 setosissima, Gray.
7568 sparsiflora, Greene.
7569 stipitata, (Greene)
7570 Texana, Gray.
7571 Torreyana, Gray.
7572 var. calycosa, Gray.
7573 trachycarpa, Gray.
7574 Utahensis, Gray.
S 7575 virgata, Gray.
7576 Watsoni, Gray.

LITHOSPERMUM 5056

CS 7577 angustifolium, Michx.
CS 7578 *arvense*, *L.*
7579 Californicum, Gray.
CS 7580 canescens, Lehm.
7581 Cobrense, Greene.
7582 glabrum, Gray.
CS 7583 hirtum, Lehm.
CS 7584 latifolium, Michx.
7585 Matamorense, DC.
S 7586 multiflorum, Torr.
S 7587 *officinale*, *L.*
S 7588 pilosum, Nutt.
7589 tuberosum, Rugel.
7590 viride, Greene.

LYCOPSIS 5043

7591 *arvensis*, *L.*

MERTENSIA 5049

S 7592 alpina, Don.
S 7593 lanceolata, DC.
7594 var. Fendleri, Gray.
CS 7595 maritima, Don.
S 7596 oblongifolia, Don.
S 7597 paniculata, Don.
*7598* *var.* nivalis, Watson.
S 7599 Sibirica, Don.
7600 var. Drummondii, Gray.
S 7601 Virginica, DC.

MYOSOTIS 5051

S 7602 arvensis, Hoffm.
S 7603 laxa, Lehm.
CS 7604 *palustris*, *With.*
7605 sylvatica, Hoffm., var. alpestris, Koch.
S 7606 verna, Nutt.
7607 var. macrosperma, Chapm.
7608 *versicolor*, *Pers.*

OMPHALODES 5016

7609 Howardi, Gray.
7610 nana, Gray.
7611 var. aretioides, Gray.
7612 var. Chamissonis, Gray.

ONOSMODIUM 5055

7613 Bejariense, DC.
S 7614 Carolinianum, DC.
S 7615 var. molle, Gray.
7616 Thurberi, Gray.
S 7617 Virginianum, DC.

PECTOCARYA 5015

7618 linearis, DC.
S 7619 penicillata, A. DC.
7620 pusilla, Gray.
7621 setosa, Gray.

PLAGIOBOTHRYS (5027)

7622 Arizonicus, Greene.
7623 var. Catalinensis, Gray.
7624 Californicus, Greene.
7625 canescens, Benth.
7626 var. apertus, Greene.
7627 Cooperi, Gray.
7628 foliacea, (Greene)
7629 glomeratus, Gray.
7630 Harknessii, (Greene)
7631 hispidus, Gray.
7632 Jonesii, Gray.
7633 Kingii, Gray.
7634 microcarpus, Greene.
7635 nothofulvus, Gray.
7636 rufescens, Fisch. & Mey.
7637 Shastensis, Greene.
S 7638 tenellus, Gray.
7639 Torreyi, Gray.
7640 ursinus, Gray.

SYMPHYTUM 5039

S 7641 *officinale*, *L.*

TOURNEFORTIA 5005

7642 gnaphalodes, R. Br.

7643 mollis, Gray.
7644 volubilis, L.

## CONVOLVULACEÆ.

**BREWERIA** 5088
7645 aquatica, Gray.
7646 grandiflora, Gray.
7647 humistrata, Gray.
7648 ovalifolia, Gray.
7649 Pickeringii, Gray.

**CONVOLVULUS** 5082
7650 *arvensis, L.*
7651 Binghamiæ, Greene.
7652 Californicus, Choisy.
7653 Havanensis, Jacq.
7654 hermannioides, Gray.
7655 incanus, Vahl.
7656 longipes, Watson.
7657 luteolus, Gray.
7658 macrostegius, Greene.
7659 occidentalis, Gray.
7660 var. tenuissimus, Gray.
7661 *pentapetaloides, L.*
7662 sepium, L.
7663 var. Americanus, Sims.
7664 var. repens, Gray.
7665 Soldanella, L.
7666 spithamæus, L.
7667 villosus, Gray.
7668 var. fulcratus, Gray.

**CRESSA** 5103
7669 Cretica, L., var. Truxillensis, Choisy.

**CUSCUTA** 5104
7670 applanata, Engelm.
7671 arvensis, Beyrich.
7672 Californica, Choisy.
7673 var. breviflora, Engelm.
7674 var. longiloba, Engelm.
7675 chlorocarpa, Engelm.
7676 compacta, Juss.
7677 cuspidata, Engelm.
7678 decora, Engelm.
7679 var. pulcherrima, Engelm.
7680 denticulata, Engelm.
7681 *Epilinum, Weihe.*
7682 *Epithymum, Murray.*
7683 exaltata, Engelm.
7684 glomerata, Choisy.
7685 Gronovii, Willd.
7686 var. calyptrata, Engelm.
7687 var. curta, Engelm.
7688 var. latiflora, Engelm.
7689 inflexa, Engelm.
7690 leptantha, Engelm.
7691 obtusiflora, HBK., var. glandulosa, Engelm.
7692 odontolepis, Engelm.
7693 *racemosa, Mart., var. Chiliana, Engelm.*
7694 rostrata, Shuttlw.
7695 salina, Engelm.
7696 squamata, Engelm.
7697 subinclusa, Durand & Hilg.
7698 tenuiflora, Engelm.
7699 umbellata, HBK.

**DICHONDRA** 5095
7700 argentea, Willd.
7701 repens, Forst.

**EVOLVULUS** 5085
7702 alsinoides, L.
7703 argenteus, Pursh.
7704 Arizonicus, Gray.
7705 lætus, Gray.
7706 linifolius, L.
7707 mucronatus, Swartz.
7708 sericeus, Swartz.
7709 var. discolor, Gray.

**IPOMŒA** 5077
7710 barbatisepala, Gray.
7711 Bona-nox, L.
7712 capillacea, Don.
7713 var. patens, Gray.
7714 cardiophylla, Gray.
7715 carnosa, R. Br.
7716 cathartica, Poir.
7717 coccinea, L.
7718 var. hederifolia, Gray.
7719 commutata, Roem. & Schult.
7720 costellata, Torr.
7721 cuneifolia, Gray.
7722 hederacea, Jacq.
7723 var. integriuscula, Gray.
7724 Jalapa, Pursh.
7725 lacunosa, L.
7726 Lemmoni, Gray.
7727 leptophylla, Torr.
7728 leptotoma, Torr.
7729 Lindheimeri, Gray.
7730 longifolia, Benth.
7731 Mexicana, Gray.
7732 pandurata, Mey.
7733 Pes-capræ, Sweet.

7734 Plummeræ, Gray.
7735 purpurea, Lam.
7736 *Quamoclit*, *L.*
7737 sagittata, Cav.
7738 sinuata, Ortega.
7739 tenuiloba, Torr.
7740 Texana, Coult.
7741 Thurberi, Gray.
7742 trifida, Don, var. Berlandieri, Gray.
7743 var. Torreyana, Gray.
7744 triloba, L.
7745 Wrightii, Gray.

JACQUEMONTIA 5081
7746 Pringlei, Gray.
7747 tamnifolia, Griseb.
7748 violacea, Choisy.

## SOLANACEÆ.

BELLINIA (5111)
7749 umbellata, Roem. & Schult.

BOUCHETIA 5161
7750 erecta, DC.

CAPSICUM 5114
7751 baccatum, L.
7752 *frutescens*, *L.*

CESTRUM 5149
7753 *diurnum*, *L.*
7754 *Parqui*, *L'Her.*

CHAMÆSARACHA 5110
7755 Coronopus, Gray.
7756 nana, Gray.
7757 sordida, Gray.

DATURA 5142
7758 *discolor*, *Bernh.*
7759 *inermis*, *Jacq.*
7760 meteloides, DC.
7761 *quercifolia*, *HBK.*
7762 *Stramonium*, *L.*
7763 *Tatula*, *L.*

HYOSCYAMUS 5146
7764 *niger*, *L.*

LEPTOGLOSSIS 5163
7765 Texana, Gray.

LYCIUM 5137
7766 Andersonii, Gray.
7767 var. Wrightii, Gray.
7768 Berlandieri, Dunal.
7769 Californicum, Nutt.
7770 var. Arizonicum, Gray.
7771 Carolinianum, Walt.
7772 Cooperi, Gray.
7773 var. pubiflora, Gray.
7774 Fremonti, Gray.
7775 var. Bigelovii, Gray.
7776 var. gracilipes, Gray.
7777 macrodon, Gray.
7778 pallidum, Miers.
7779 Parishii, Gray.
7780 parviflorum, Gray.
7781 puberulum, Gray.
7782 Richii, Gray.
7783 Shockleyi, Gray.
7784 Torreyi, Gray.
7785 *vulgare*, *Dunal.*

LYCOPERSICUM 5105
7786 *esculentum*, *Mill.*, *var. cerasiforme*, *Gray.*

MARGARANTHUS 5118
7787 Lemmoni, Gray.
7788 solanaceus, Schlecht.

NICANDRA 5129
7789 *physaloides*, *Gaertn.*

NICOTIANA 5158
7790 attenuata, Torr.
7791 Bigelovii, Watson.
7792 var. Wallacei, Gray.
7793 Clevelandi, Gray.
7794 *glauca*, *Graham.*
7795 Palmeri, Gray.
7796 quadrivalvis, Pursh.
7797 var. multivalvis, Gray.
7798 repanda, Willd.
7799 *rustica*, *L.*
7800 *Tabacum*, *L.*
7801 *var. undulata*, *Sendtner.*
7802 trigonophylla, Dunal.

ORYCTES 5117
7803 Nevadensis, Watson.

PETUNIA 5159
7804 parviflora, Juss.

PHYSALIS 5109
7805 æquata, Jacq. f.
7806 angulata, L.
7807 var. Linkiana, Gray.
7808 angustifolia, Nutt.
7809 crassifolia, Benth.
7810 var. cardiophylla, Gray.
7811 Fendleri, Gray.
7812 var. cordifolia, Gray.
7813 grandiflora, Hook.
7814 hederæfolia, Gray.
7815 var. puberula, Gray.
7816 lanceolata, Michx.
7817 var. hirta, Gray.

7818 var. lævigata, Gray.
7819 lobata, Torr.
7820 mollis, Nutt.
7821 var. cinerascens, Gray.
7822 obscura, Michx.
7823 Palmeri, Gray.
7824 Philadelphica, Lam.
7825 pubescens, L.
7826 Virginiana, Mill.
7827 var. ambigua, Gray.
7828 viscosa, L.
7829 var. spathulæfolia, Gray.
7830 Wrightii, Gray.

SALPICHROA 5135
7831 Wrightii, Gray.

SOLANUM 5106
7832 *aculeatissimum, Jacq.*
7833 Bahamense, L.
7834 Blodgettii, Chapm.
7835 Carolinense, L.
7836 var. hirsutum, Gray.
7837 Douglasii, Dunal.
7838 *Dulcamara, L.*
7839 elæagnifolium, Cav.
7840 *gracile, Link.*
7841 heterodoxum, Dunal.
7842 Jamesii, Torr.
7843 nigrum, L.
7844 var. Dilleni, Gray.
7845 var. nodiflorum, Gray.
7846 *var. villosum, Mill.*
7847 *Pseudo-Capsicum, L.*
7848 rostratum, Dunal.
7849 *sisymbriifolium, Lam.*
7850 Torreyi, Gray.
7851 triflorum, Nutt.
7852 triquetrum, Cav.
7853 tuberosum, L., var. boreale, Gray.
7854 umbelliferum, Esch.
7855 verbascifolium, L.
7856 Xanti, Gray.
7857 var. Wallacei, Gray.

## SCROPHULARIACEÆ.

AMPHIANTHUS 5275
7858 pusillus, Torr.

ANTIRRHINUM 5199
7859 Breweri, Gray.
7860 Cooperi, Gray.
7861 cornutum, Benth.
7862 Coulterianum, Benth.
7863 cyathiferum, Benth.
7864 glandulosum, Lindl.
7865 Kingii, Watson.
7866 leptaleum, Gray.
7867 *majus, L.*
7868 maurandioides, Gray.
7869 Nevinianum, Gray.
7870 Nuttallianum, Benth.
7871 var. effusum, Gray.
7872 Orcuttianum, Gray.
7873 *Orontium, L.*
7874 strictum, Gray.
7875 subcordatum, Gray.
7876 subsessile, Gray.
7877 vagans, Gray.
7878 var. Bolanderi, Gray.
7879 virga, Gray.

BARTSIA 5334
7880 alpina, L.
7881 *Odontites, Huds.*

BUCHNERA 5303
7882 Americana, L.
7883 elongata, Swartz.
7884 lithospermifolia, HBK.
7885 pilosa, Benth., var. Arizonica, Gray.

CAPRARIA 5260
7886 biflora, L.

CASTILLEIA 5321
7887 affinis, Hook. & Arn.
7888 breviflora, Gray.
7889 cinerea, Gray.
7890 coccinea, Spreng.
7891 flava, Watson.
7892 foliolosa, Hook. & Arn.
7893 gloriosa, Britt.
7894 hololeuca, Greene.
7895 indivisa, Engelm.
7896 integra, Gray.
7897 lanata, Gray.
7898 latifolia, Hook. & Arn.
7899 laxa, Gray.
7900 Lemmoni, Gray.
7901 linariæfolia, Benth.
7902 Lindheimeri, Gray.
7903 linoides, Gray.
7904 miniata, Dougl.
7905 minor, Gray.
7906 oblongifolia, Gray.
7907 pallida, Kunth.
7908 var. Haydeni, Gray.

7909 var. occidentalis, Gray.
7910 var. septentrionalis, Gray.
7911 parviflora, Bong.
7912 plagiotomia, Gray.
7913 purpurea, Don.
7914 sessiliflora, Pursh.
7915 stenantha, Gray.
7916 Suksdorfii, Gray.
7917 viscidula, Gray.

CHELONE 5214

7918 glabra, L.
7919 Lyoni, Pursh.
7920 nemorosa, Dougl.
7921 obliqua, L.

CHIONOPHILA 5220

7922 Jamesii, Benth.

COLLINSIA 5218

7923 bartsiæfolia, Benth.
7924 bicolor, Benth.
7925 Childii, Parry.
7926 corymbosa, Herder.
7927 grandiflora, Dougl.
7928 var. pusilla, Gray.
7929 Greenei, Gray.
7930 linearis, Gray.
7931 Parryi, Gray.
7932 parviflora, Dougl.
7933 Rattani, Gray.
7934 sparsiflora, Fisch. & Mey.
7935 stricta, Greene.
7936 tinctoria, Hartweg.
7937 Torreyi, Gray.
7938 verna, Nutt.
7939 violacea, Nutt.
7940 Wrightii, Watson.

CONOBEA 5252

7941 intermedia, Gray.
7942 multifida, Benth.

CORDYLANTHUS 5324

7943 canescens, Gray.
7944 var. Parryi, Gray.
7945 capitatus, Nutt.
7946 filifolius, Nutt.
7947 var. brevibracteatus, Gray.
7948 Kingii, Watson.
7949 laxiflorus, Gray.
7950 maritimus, Nutt.
7951 mollis, Gray.
7952 Nevinii, Gray.
7953 pilosus, Gray.
*7954* *var.* Bolanderi, Gray.
7955 Pringlei, Gray.
7956 ramosus, Nutt.
7957 tenuis, Gray.
7958 Wrightii, Gray.

EUPHRASIA 5332

7959 officinalis, L.
7960 var. Tatarica, Benth.

GALVESIA 5197

7961 speciosa, Gray.

GERARDIA 5318

7962 aphylla, Nutt.
7963 aspera, Dougl.
7964 auriculata, Michx.
7965 densiflora, Benth.
7966 divaricata, Chapm.
7967 filicaulis, Chapm.
7968 filifolia, Nutt.
7969 flava, L.
7970 grandiflora, Benth.
7971 var. integriuscula, Gray.
7972 heterophylla, Nutt.
7973 lævigata, Raf.
7974 linifolia, Nutt.
7975 maritima, Raf.
7976 patula, Chapm.
7977 pedicularia, L.
7978 var. pectinata, Nutt.
7979 Plukenetii, Ell.
7980 var. microphylla, Gray.
7981 purpurea, L.
7982 var. fasciculata, Chapm.
7983 var. paupercula, Gray.
7984 quercifolia, Pursh.
7985 setacea, Walt.
7986 var. longifolia, Gray.
7987 Skinneriana, Wood.
7988 strictiflora, Benth.
7989 tenuifolia, Vahl.
7990 var. asperula, Gray.
7991 var. macrophylla, Benth.
7992 Wrightii, Gray.

GRATIOLA 5258

7993 aurea, Muhl.
7994 Drummondi, Benth.
7995 ebracteata, Benth.
7996 Floridana, Nutt.
7997 gracilis, Benth.
7998 officinalis, L.
7999 pilosa, Michx.
8000 pusilla, Torr.
8001 ramosa, Walt.

8002 sphærocarpa, Ell.
8003 subulata, Baldw.
8004 Virginiana, L.
8005 viscosa, Schwein.

**HERPESTIS** 5253

8006 amplexicaulis, Pursh.
8007 chamædryoides, HBK.
8008 var. peduncularis, Gray.
8009 Monniera, HBK.
8010 nigrescens, Benth.
8011 repens, Cham. & Schlecht.
8012 rotundifolia, Pursh.

**ILYSANTHES** 5265

8013 grandiflora, Benth.
8014 refracta, Benth.
8015 var. saxicola, Gray.
8016 riparia, Raf.

**LEUCOPHYLLUM** 5179

8017 minus, Gray.
8018 Texanum, Benth.

**LIMOSELLA** 5276

8019 aquatica, L.
8020 var. tenuifolia, Hoffm.

**LINARIA** 5194

8021 Canadensis, Dumont.
8022 *Elatine, Mill.*
8023 Floridana, Chapm.
8024 *genistifolia, Mill.*
8025 *spuria, Mill.*
8026 *vulgaris, Mill.*

**MACRANTHERA** 5315

8027 fuchsioides, Torr.
8028 var. Lecontei, Chapm.

**MAURANDIA** 5200

8029 Wislizeni, Engelm.

**MELAMPYRUM** 5339

8030 Americanum, Michx.

**MICRANTHEMUM** 5267

8031 Nuttallii, Gray.
8032 orbiculatum, Michx.

**MIMULUS** 5239

8033 alatus, Ait.
8034 alsinoides, Benth.
8035 angustatus, Gray.
8036 angustifolius, (Greene)
8037 arvensis, Greene.
8038 atropurpureus, Kellogg.
8039 Austinæ, (Greene)
8040 bicolor, Hartw.
8041 Bigelovii, Gray.
8042 var. ovatus, Gray.
8043 Bolanderi, Gray.
8044 brevipes, Benth.
8045 cardinalis, Dougl.
8046 deflexus, Watson.
8047 dentatus, Nutt.
8048 Douglasii, Gray.
8049 exilis, Durand.
8050 filicaulis, Watson.
8051 floribundus, Dougl.
8052 Fremonti, Gray.
8053 glabratus, HBK.
8054 var. adscendens, Gray.
8055 var. Jamesii, Gray.
8056 glareosus, Greene.
8057 glaucescens, Greene.
8058 glutinosus, Wendl.
8059 inconspicuus, Gray.
8060 var. acutidens, Gray.
8061 var. latidens, Gray.
8062 Kelloggii, Curran.
8063 laciniatus, Gray.
8064 latifolius, Gray.
8065 leptaleus, Gray.
8066 Lewisii, Pursh.
8067 luteus, L.
8068 var. alpinus, Gray.
8069 var. depauperatus, Gray.
8070 mephiticus, Greene.
8071 Mohavensis, Lemmon.
8072 moniliformis, Greene.
8073 montioides, Gray.
8074 moschatus, Dougl.
8075 var. longiflorus, Gray.
8076 var. sessilifolius, Gray.
8077 nanus, Hook. & Arn.
8078 nasutus, Greene.
8079 nudatus, Curran.
8080 Palmeri, Gray.
8081 var. androsaceus, Gray.
8082 Parishii, Greene.
8083 Parryi, Gray.
8084 parviflorus, (Greene)
8085 peduncularis, Dougl.
8086 pictus, Gray.
8087 primuloides, Benth.
8088 pulchellus, (Drew)
8089 Pulsiferæ, Gray.
8090 puniceus, Steud.
8091 Rattani, Gray.
8092 ringens, L.
8093 rubellus, Gray.

8094 Scouleri, Hook.
8095 var. cæspitosus, Greene.
8096 subsecundus, Gray.
8097 Suksdorfii, Gray.
8098 Torreyi, Gray.
8099 tricolor, Lindl.
8100 Whitneyi, Gray.

**MOHAVEA** 5198

8101 viscida, Gray.

**ORTHOCARPUS** 5322

8102 attenuatus, Gray.
8103 Bidwelliæ, Gray.
8104 var. micranthus, Gray.
8105 bracteosus, Benth.
8106 campestris, Benth.
8107 castilleioides, Benth.
8108 densiflorus, Benth.
8109 erianthus, Benth.
8110 var. lævis, Gray.
8111 var. roseus, Gray.
8112 floribundus, Benth.
8113 gracilis, Benth.
8114 hispidus, Benth.
8115 imbricatus, Torr.
8116 lacerus, Benth.
8117 lasiorhynchus, Gray.
8118 linearilobus, Benth.
8119 lithospermoides, Benth.
8120 luteus, Nutt.
8121 pachystachyus, Gray.
8122 pallescens, Gray.
8123 Parishii, Gray.
8124 pilosus, Watson.
8125 purpurascens, Benth.
8126 var. Palmeri, Gray.
8127 purpureo-albus, Gray.
8128 pusillus, Benth.
8129 tenuifolius, Benth.
8130 Tolmiei, Hook. & Arn.

**PAULOWNIA** 5212

8131 *imperialis, Sieb.*

**PEDICULARIS** 5337

8132 attollens, Gray.
8133 bracteosa, Benth.
8134 Canadensis, L.
8135 Canbyi, Gray.
8136 capitata, Adams.
8137 centranthera, Gray.
8138 Chamissonis, Stev.
8139 contorta, Benth.
8140 crenulata, Benth.
8141 densiflora, Benth.
8142 euphrasioides, Stephan.
8143 flammea, L.
8144 Furbishiæ, Watson.
8145 Grœnlandica, Retz.
8146 hirsuta, L.
8147 Howellii, Gray.
8148 lanceolata, Michx.
8149 Langsdorffii, Fisch.
8150 var. lanata, Gray.
8151 Lapponica, L.
8152 Menziesii, Benth.
8153 ornithorhyncha, Benth.
8154 palustris, L., var. Wlassoviana, Bunge.
8155 Parryi, Gray.
8156 pedicellata, Bunge.
8157 procera, Gray.
8158 racemosa, Dougl.
8159 scopulorum, Gray.
8160 semibarbata, Gray.
8161 Sudetica, Willd.
8162 versicolor, Wahl.
8163 verticillata, L.

**PENTSTEMON** 5215

8164 acuminatus, Dougl.
8165 albidus, Nutt.
8166 ambiguus, Torr.
8167 var. Thurberi, Gray.
8168 antirrhinoides, Benth.
8169 arenarius, Greene.
8170 attenuatus, Dougl.
8171 azureus, Benth.
8172 var. ambiguus, Gray.
8173 var. angustissimus, Gray.
8174 var. Jaffrayanus, Gray.
8175 var. parvulus, Gray.
8176 baccharifolius, Hook.
8177 barbatus, Nutt.
8178 var. puberulus, Gray.
8179 var. Torreyi, Gray.
8180 var. trichander, Gray.
8181 Barrettæ, Gray.
8182 breviflorus, Lindl.
8183 Bridgesii, Gray.
8184 cæruleus, Nutt.
8185 cæsius, Gray.
8186 cæspitosus, Nutt.
8187 var. suffruticosus, Gray.
8188 centranthifolius, Benth.

8189 Clevelandi, Gray.
8190 Cobæa, Nutt.
S 8191 confertus, Dougl.
S 8192 v. cæruleo-purpureus, Gray.
8193 cordifolius, Benth.
8194 corymbosus, Benth.
8195 cristatus, Nutt.
8196 Cusickii, Gray.
S 8197 deustus, Dougl.
S 8198 diffusus, Dougl.
8199 dissectus, Ell.
8200 Eatoni, Gray.
8201 Fremonti, T. & G.
8202 var. subglaber, Gray.
8203 frutescens, Lamb.
8204 Gairdneri, Hook.
8205 var. Oreganus, Gray.
8206 glaber, Pursh.
8207 var. alpinus, Gray.
8208 var. cyananthus, Gray.
8209 var. Utahensis, Watson.
8210 glandulosus, Lindl.
8211 glaucus, Graham.
S 8212 var. stenosepalus, Gray.
8213 gracilentus, Gray.
S 8214 gracilis, Nutt.
S 8215 grandiflorus, Nutt.
S 8216 Hallii, Gray.
8217 var. Arizonicus, Gray.
8218 Harbourii, Gray.
8219 Havardi, Gray.
8220 heterodoxus, Gray.
8221 heterophyllus, Lindl.
8222 humilis, Nutt.
8223 var. brevifolius, Gray.
8224 Jamesii, Benth.
8225 Kingii, Watson.
8226 labrosus, Hook. f.
8227 lætus, Gray.
8228 var. leptosepalus, Greene.
CS 8229 lævigatus, Solander.
8230 var. canescens, Britton.
8231 var. Digitalis, Gray.
8232 lanceolatus, Benth.
S 8233 laricifolius, Hook. & Arn.
8234 Lemmoni, Gray.
8235 leucanthus, Greene.
S 8236 linarioides, Gray.
8237 var. Sileri, Gray.
8238 Lyalli, Gray.
S 8239 Menziesii, Hook.
S 8240 var. Douglasii, Gray.
8241 var. Newberryi, Gray.
8242 var. Scouleri, Gray.
8243 microphyllus, Gray.
8244 miser, Gray.
8245 Murrayanus, Hook.
8246 nudiflorus, Gray.
S 8247 ovatus, Dougl.
8248 Palmeri, Gray.
8249 Parishii, Gray.
8250 Parryi, Gray.
8251 pinifolius, Greene.
8252 pruinosus, Dougl.
CS 8253 pubescens, Solander.
8254 pumilus, Nutt.
8255 var. incanus, Gray.
8256 var. Thompsoniæ, Gray.
8257 puniceus, Gray.
8258 Rattani, Gray.
8259 var. Kleei, Gray.
S 8260 var. minor, Gray.
8261 Richardsonii, Dougl.
8262 Rœzli, Regel.
8263 Rothrockii, Gray.
8264 secundiflorus, Benth.
8265 Shockleyi, Watson.
8266 spectabilis, Thurb.
8267 stenophyllus, Gray.
8268 var. dasyphyllus, Gray.
S 8269 strictus, Benth.
8270 ternatus, Torr.
S 8271 triphyllus, Dougl.
S 8272 tubiflorus, Nutt.
8273 Tweedyi, Canby & Rose.
S 8274 venustus, Dougl.
8275 virgatus, Gray.
8276 Wardi, Gray.
8277 Watsoni, Gray.
8278 Whippleanus, Gray.
8279 Wrightii, Hook.

RHINANTHUS 5338

S 8280 Crista-galli, L.

SCHWALBEA 5326

S 8281 Americana, L.

SCOPARIA 5279

S 8282 dulcis, L.

SCROPHULARIA 5209

8283 Californica, Cham.
8284 coccinea, Gray.
S 8285 nodosa, L., v. Marilandica, Gr.

SEYMERIA 5314
8286 bipinnatisecta, Seem.
S 8287 macrophylla, Nutt.
S 8288 pectinata, Pursh.
8289 scabra, Gray.
8290 tenuifolia, Pursh.
8291 virgata, Benth.

STEMODIA 5248
8292 durantifolia, Swartz.
8293 lanata, Ruiz & Pav.

SYNTHYRIS 5269
S 8294 alpina, Gray.
S 8295 Houghtoniana, Benth.
8296 pinnatifida, Watson.
8297 var. laciniata, Gray.
S 8298 plantaginea, Benth.
8299 reniformis, Benth.
8300 var. major, Hook.
8301 rotundifolia, Gray.
8302 var. cordata, Gray.
S 8303 rubra, Benth.

TONELLA 5219
S 8304 collinsioides, Nutt.
S 8305 floribunda, Gray.

VERBASCUM 5183
CS 8306 *Blattaria*, *L.*
8307 *Lychnitis*, *L.*
CS 8308 *Thapsus*, *L.*
8309 *virgatum*, *With.*

VERONICA 5293
8310 *agrestis*, *L.*
S 8311 alpina, L.
CS 8312 Americana, Schwein.
CS 8313 Anagallis, L.
CS 8314 *arvensis*, *L.*
S 8315 *Buxbaumii*, *Tenore.*
8316 *Chamædrys*, *L.*
8317 Cusickii, Gray.
8318 *hederæfolia*, *L.*
8319 Kamtchatica, L. f.
CS 8320 officinalis, L.
CS 8321 peregrina, L.
CS 8322 scutellata, L.
CS 8323 serpyllifolia, L.
8324 Stelleri, Pall.
CS 8325 Virginica, L.

## OROBANCHACEÆ.

APHYLLON 5348
8326 Californicum, Gray.
8327 comosum, Gray.
8328 *Cooperi*, *Gray.*
S 8329 fasciculatum, Gray.
8330 var. luteum, Gray.
S 8331 Ludovicianum, Gray.
8332 multiflorum, Gray.
8333 pinetorum, Gray.
8334 tuberosum, Gray.
CS 8335 uniflorum, Gray.

BOSCHNIAKIA 5353
8336 glabra, C. A. Mey.
8337 Hookeri, Walp.
8338 strobilacea, Gray.

CONOPHOLIS 5351
CS 8339 Americana, Wallr.
8340 Mexicana, Gray.

EPIPHEGUS 5354
CS 8341 Virginiana, Bart.

OROBANCHE 5349
8342 *minor*, *L.*
8343 *ramosa*, *L.*

## LENTIBULARIACEÆ.

PINGUICULA 5358
8344 alpina, L.
S 8345 elatior, Michx.
S 8346 lutea, Walt.
8347 var. edentula, A. DC.
S 8348 pumila, Michx.
8349 villosa, L.
S 8350 vulgaris, L.

UTRICULARIA 5355
8351 biflora, Lam.
8352 bipartita, Ell.
8353 clandestina, Nutt.
CS 8354 cornuta, Michx.
8355 fibrosa, Walt.
CS 8356 gibba, L.
S 8357 inflata, Walt.
CS 8358 intermedia, Hayne.
8359 juncea, Vahl.
8360 longeciliata, A. DC.
8361 minor, L.
8362 occidentalis, Gray.
S 8363 purpurea, Walt.
CS 8364 resupinata, B. D. Greene.
8365 simplex, C. Wright.
S 8366 subulata, L.
8367 var. cleistogama, Gray.
CS 8368 vulgaris, L.

## BIGNONIACEÆ.

BIGNONIA 5446
S 8369 capreolata, L.

CATALPA [5464]
8370 bignonioides, Walt.
8371 speciosa, Warder.
CHILOPSIS [5465]
8372 saligna, Don.
TECOMA [5474]
8373 radicans, Juss.
8374 stans, Juss.

## PEDALIACEÆ.

MARTYNIA [5497]
8375 altheæfolia, Benth.
8376 fragrans, Lindl.
8377 proboscidea, Glox.
SESAMUM [5507]
8378 *Indicum*, *L.*

## ACANTHACEÆ.

ANISACANTHUS [5629]
8379 insignis, Gray.
8380 Thurberi, Gray.
8381 Wrightii, Gray.
BERGINIA [5578]
8382 virgata, Harvey.
BELOPERONE [5616]
8383 Californica, Benth.
CALOPHANES [5527]
8384 angusta, Gray.
8385 decumbens, Gray.
8386 humistrata, Nees.
8387 linearis, Gray.
8388 oblongifolia, Don.
CARLOWRIGHTIA [5623]
8389 Arizonica, Gray.
8390 linearifolia, Gray.
8391 pubens, Gray.
DIANTHERA [5621]
8392 Americana, L.
8393 crassifolia, Chapm.
8394 humilis, Engelm. & Gray.
8395 parviflora, Gray.
8396 parvifolia, Benth. & Hook.
DICLIPTERA [5640]
8397 assurgens, Juss.
8398 brachiata, Spreng.
8399 var. attenuata, Gray.
8400 resupinata, Juss.
8401 Torreyi, Gray.
ELYTRARIA [5516]
8402 bromoides, Œrst.
8403 tridentata, Vahl.
8404 virgata, Michx.
GATESIA [5622]
8405 læte-virens, Gray.
HYGROPHILA [5522]
8406 lacustris, Nees.
JACOBINIA [5625]
8407 *neglecta*, *Gray.*
JUSTICIA [5611]
8408 Wrightii, Gray.
RUELLIA [5529]
8409 ciliosa, Pursh.
8410 var. ambigua, Gray.
8411 var. hybrida, Gray.
8412 var. longiflora, Gray.
8413 Drummondiana, Gray.
8414 noctiflora, Gray.
8415 Parryi, Gray.
8416 pedunculata, Torr.
8417 strepens, L.
8418 var. cleistantha, Gray.
8419 tuberosa, L.
8420 var. occidentalis, Gray.
SIPHONOGLOSSA [5615]
8421 longiflora, Gray.
8422 Pilosella, Torr.
STENANDRIUM [5594]
8423 barbatum, T. & G.
8424 dulce, Nees.
8425 var. Floridanum, Gray.
TETRAMERIUM [5641]
8426 hispidum, Nees.
8427 platystegium, Torr.

## SELAGINACEÆ.

LAGOTIS [5658]
8428 Gmelini, Gaertn.

## VERBENACEÆ.

AVICENNIA [5724]
8429 nitida, Jacq.
BOUCHEA [5683]
8430 Ehrenbergii, Cham.
8431 linifolia, Gray.
8432 spatulata, Torr.
CALLICARPA [5699]
8433 Americana, L.
CITHAREXYLUM [5694]
8434 brachyanthum, Gray.
8435 villosum, Jacq.
DURANTA [5697]
8436 Plumieri, Jacq.
LANTANA [5679]
8437 Camara, L.
8438 canescens, HBK.
8439 involucrata, L.
8440 macropoda, Torr.

LIPPIA 5660
8441 cuneifolia, Steud.
8442 geminata, HBK.
8443 graveolens, HBK.
S 8444 lanceolata, Michx.
8445 lycioides, Steud.
S 8446 nodiflora, Michx.
8447 Wrightii, Gray.
PHRYMA 5660
CS 8448 Leptostachya, L.
PRIVA 5665
8449 echinata, Juss.
STACHYTARPHETA 5664
8450 Jamaicensis, Vahl.
VERBENA 5667
S 8451 angustifolia, Michx.
S 8452 Aubletia, L.
S 8453 bipinnatifida, Nutt.
8454 *Bonariensis*, *L.*
S 8455 bracteosa, Michx.
8456 var. brevibracteata, Gray.
8457 canescens, HBK.
8458 var. Neo-Mexicana, Gray.
S 8459 Caroliniana, Michx.
8460 ciliata, Benth.
CS 8461 hastata, L.
S 8462 *officinalis*, *L.*
8463 polystachya, HBK.
S 8464 prostrata, R. Br.
8465 remota, Benth.
S 8466 stricta, Vent.
CS 8467 urticæfolia, L.
8468 *venosa*, *Gillies & Hook.*
8469 Wrightii, Gray.
8470 xutha, Lehm.

## LABIATÆ.

ACANTHOMINTHA 5784
S 8471 ilicifolia, Gray.
8472 lanceolata, Curran.
AJUGA 5665
8473 *reptans*, *L.*
AUDIBERTIA 5786
8474 capitata, Gray.
S 8475 Clevelandi, Gray.
8476 grandiflora, Benth.
8477 humilis, Benth.
S 8478 incana, Benth.
8479 var. pachystachya, Gray.
8480 var. pilosa, Gray.
8481 Mearnsii, Britton.
8482 nivea, Benth.
8483 Palmeri, Gray.
8484 polystachya, Benth.
8485 stachyoides, Benth.
8486 var. revoluta, Brandegee.
8487 Vaseyi, Porter.
BALLOTA 5636
8488 *nigra*, *L.*
BLEPHILIA 5799
S 8489 ciliata, Raf.
CS 8490 hirsuta, Benth.
BRAZORIA 5814
8491 scutellarioides, Eng. & Gray.
8492 truncata, Engelm. & Gray.
BRUNELLA 5812
CS 8493 vulgaris, L.
CALAMINTHA 5780
8494 Caroliniana, Sweet.
S 8495 Clinopodium, Benth.
8496 coccinea, Benth.
8497 dentata, Chapm.
8498 glabella, Benth.
8499 mimuloides, Benth.
S 8500 *Nepeta*, *Link.*
S 8501 Nuttallii, Benth.
8502 *officinalis*, *Moench.*
CEDRONELLA 5805
8503 cana, Hook.
8504 var. lanceolata, Gray.
S 8505 cordata, Benth.
8506 Mexicana, Benth.
8507 micrantha, Gray.
8508 pallida, Lindl.
CERANTHERA 5783
S 8509 densiflora, Gray.
8510 linearifolia, Ell.
COLLINSONIA 5754
8511 anisata, Sims.
S 8512 Canadensis, L.
8513 var. punctata, Gray.
8514 scabriuscula, Ait.
S 8515 verticillata, Baldw.
CONRADINA 5782
8516 canescens, Gray.
CUNILA 5761
S 8517 Mariana, L.
DRACOCEPHALUM 5803
CS 8518 parviflorum, Nutt.
GALEOPSIS 5830
S 8519 *Ladanum*, *L.*
CS 8520 *Tetrahit*, *L.*
HEDEOMA 5774
8521 acinoides, Scheele.

8522 ciliata, Benth.
8523 costata, Gray.
8524 dentata, Torr.
8525 Drummondi, Benth.
8526 graveolens, Chapm.
8527 hispida, Pursh.
8528 hyssopifolia, Gray.
8529 plicata, Torr.
8530 pulegioides, Pers.
8531 Reverchoni, Gray.
8532 thymoides, Gray.
8533 var. oblongifolia, Gray.

**HYPTIS** 5744
8534 Emoryi, Torr.
8535 pectinata, Poit.
8536 radiata, Willd.
8537 spicata, Poit.
8538 spicigera, Lam.

**HYSSOPUS** 5771
8539 *officinalis*, *L.*

**ISANTHUS** 5869
8540 cæruleus, Michx.

**LAMIUM** 5833
8541 *album*, *L.*
8542 *amplexicaule*, *L.*
8543 *intermedium*, *Fries.*
8544 *maculatum*, *L.*
8545 *purpureum*, *L.*

**LEONOTIS** 5841
8546 *nepetæfolia*, *R. Br.*

**LEONURUS** 5831
8547 *Cardiaca*, *L.*
8548 *Marrubiastrum*, *L.*
8549 *Sibiricus*, *L.*

**LOPHANTHUS** 5801
8550 anisatus, Benth.
8551 nepetoides, Benth.
8552 scrophulariæfolius, Benth.
8553 urticifolius, Benth.

**LYCOPUS** 5760
8554 *Europæus*, *L.*
8555 lucidus, Turcz., var. Americanus, Gray.
8556 rubellus, Moench.
8557 sessilifolius, Gray.
8558 var. pubens, Gray.
8559 sinuatus, Ell.
8560 Virginicus, L.

**MACBRIDEA** 5817
8561 alba, Chapm.
8562 pulchra, Ell.

**MARRUBIUM** 5821
8563 *vulgare*, *L.*

**MELISSA** 5781
8564 *officinalis*, *L.*

**MENTHA** 5758
8565 *aquatica*, *L.*
8566 *var. crispa*, *Benth.*
8567 *arvensis*, *L.*
8568 Canadensis, L.
8569 var. glabrata, Benth.
8570 *piperita*, *L.*
8571 *rotundifolia*, *L.*
8572 *sativa*, *L.*
8573 *sylvestris*, *L.*
8574 *var. alopecuroides*, *Baker.*
8575 *viridis*, *L.*

**MICROMERIA** 5773
8576 Brownei, Benth.
8577 var. pilosiuscula, Gray.
8578 Douglasii, Benth.
8579 purpurea, Gray.

**MONARDA** 5798
8580 Bradburiana, Beck.
8581 citriodora, Cerv.
8582 clinopodia, L.
8583 clinopodioides, Gray.
8584 didyma, L.
8585 fistulosa, L.
8586 var. media, Gray.
8587 var. mollis, Benth.
8588 var. rubra, Gray.
8589 pectinata, Nutt.
8590 punctata, L.
8591 var. lasiodonta, Gray.
8592 Russelliana, Nutt.

**MONARDELLA** 5766
8593 Breweri, Gray.
8594 candicans, Benth.
8595 var. exilis, Gray.
8596 discolor, Greene.
8597 Douglasii, Benth.
8598 hypoleuca, Gray.
8599 lanceolata, Gray.
8600 var. microcephala, Gray.
8601 linoides, Gray.
8602 leucocephala, Gray.
8603 macrantha, Gray.
8604 var. nana, Gray.
8605 var. tenuiflora, Gray.
8606 odoratissima, Benth.
8607 Palmeri, Gray.
8608 Pringlei, Gray.
8609 undulata, Benth.

8610 villosa, Benth.
8611 var. glabella, Gray.
8612 var. leptosiphon, Torr.

**NEPETA** 5802

8613 *Cataria*, *L.*
8614 *Glechoma*, *Benth.*

**OCIMUM** 5725

8615 micranthum, Willd.

**ORIGANUM** 5767

8616 *vulgare*, *L.*

**PERILLA** 5755

8617 *ocymoides*, *L.*

**PHLOMIS** 5842

8618 *tuberosa*, *L.*

**PHYSOSTEGIA** 5815

8619 ntermedia, Gray.
8620 parviflora, Nutt.
8621 Virginiana, Benth.
8622 var. denticulata, Gray.
8623 var. obovata, Gray.
8624 var. speciosa, Gray.

**POGOGYNE** 5778

8625 Douglasii, Benth.
8626 nudiuscula, Gray.
8627 parviflora, Benth.
8628 serpylloides, Gray.
8629 ziziphoroides, Benth.

**POLIOMINTHA** 5776

8630 glabrescens, Gray.
8631 incana, Gray.
8632 mollis, Gray.

**PYCNANTHEMUM** 5765

8633 albescens, T. & G.
8634 aristatum, Michx.
8635 var. hyssopifolium, Gray.
8636 Californicum, Torr.
8637 var. glabellum Gray.
8638 clinopodioides, Gray.
8639 incanum, Michx.
8640 lanceolatum, Pursh.
8641 leptodon, Gray.
8642 linifolium, Pursh.
8643 montanum, Michx.
8644 muticum, Pers.
8645 var. pilosum, Gray.
8646 nudum, Nutt.
8647 Torreyi, Benth.
8648 Tullia, Benth.
8649 var. dubium, Gray.

**SALIZARIA** 5809

8650 Mexicana, Torr.

**SALVIA** 5793

8651 *albiflora*, *Mart. & Gal.*
8652 var Pringlei, Gray.
8653 angustifolia, Cav.
8654 var. glabra, Gray.
8655 Arizonica, Gray.
8656 azurea, Lam.
8657 var. grandiflora, Benth.
8658 ballotæflora, Benth.
8659 Blodgettii, Chapm.
8660 carduacea, Benth.
8661 chamædryoides, Cav.
8662 Chapmani, Gray.
8663 coccinea, L.
8664 Columbariæ, Benth.
8665 Engelmanni, Gray.
8666 farinacea, Benth.
8667 Greggii, Gray.
8668 Henryi, Gray.
8669 lanceolata, Willd.
8670 Lemmoni, Gray.
8671 lyrata, L.
8672 occidentalis, Swartz.
8673 Parryi, Gray.
8674 pentstemonoides, Kunth.
8675 privoides, Benth.
8676 var. Garberi, Chapm.
8677 Regla, Cav.
8678 Roemeriana, Scheele.
8679 *Sclarea*, *L.*
8680 serotina, L.
8681 spicata, Roem. & Schult.
8682 subincisa, Benth.
8683 Texana Torr
8684 var canescens, Gray.
8685 urticifolia L.
8686 *verbenacea*, *L.*

**SATUREIA** 5770

8687 *hortensis*, *L.*
8688 rigida, Bartram.

**SCUTELLARIA** 5810

8689 angustifolia, Pursh.
8690 var. canescens, Gray.
8691 antirrhinoides, Benth.
8692 Bolanderi, Gray.
8693 brevifolia, Gray.
8694 Californica, Gray.
8695 canescens, Nutt.
8696 var. punctata, Chapm.
8697 cardiophylla Eng. & Gray.
8698 Drummond , Benth.
8699 Floridana, Chapm.
8700 galericulata, L.

8701 integrifolia, L.
8702 var. major, Chapm.
8703 lateriflora, L.
8704 montana, Chapm.
8705 nana, Gray.
8706 nervosa, Pursh.
8707 parvula, Michx.
8708 var. mollis, Gray.
8709 pilosa, Michx.
8710 var. hirsuta, Gray.
8711 var. ovalifolia, Benth.
8712 resinosa, Torr.
8713 saxatilis, Riddell.
8714 var. arguta, Gray.
8715 serrata, Andr.
8716 tuberosa, Benth.
8717 versicolor, Nutt.
8718 var. bracteata, Benth.
8719 var. minor, Chapm.
8720 Wrightii, Gray.

SPHACELE [5788]
8721 calycina, Benth.
8722 var. glabella, Gray.
8723 var. Wallacei, Gray.
8724 fragrans, Greene.

STACHYS [5829]
8725 agraria, Cham. & Schlecht.
8726 ajugoides, Benth.
8727 albens, Gray.
8728 *arvensis*, *L.*
8729 aspera, Michx.
8730 var. glabra, Gray.
8731 *Betonica*, *Benth.*
8732 Bigelovii, Gray.
8733 bullata, Benth.
8734 Chamissonis, Benth.
8735 ciliata, Dougl.
8736 var. pubens, Gray.
8737 coccinea, Jacq.
8738 cordata, Riddell.
8739 Drummondii, Benth.
8740 Floridana, Shuttlw.
8741 hyssopifolia, Michx.
8742 var. ambigua, Gray.
8743 palustris, L.
8744 pycnantha, Benth.
8745 Rothrockii, Gray.

SYNANDRA [5818]
8746 grandiflora, Nutt.

TETRACLEA [5860]
8747 Coulteri, Gray.

TEUCRIUM [5864]
8748 Canadense, L.
8749 var. angustatum, Gray.
8750 Cubense, L.
8751 laciniatum, Torr.
8752 occidentale, Gray.

THYMUS [5766]
8753 *Serpyllum*, *L.*

TRICHOSTEMA [5858]
8754 Arizonicum, Gray.
8755 dichotomum, L.
8756 lanatum, Benth.
8757 var. denudatum, Gray.
8758 lanceolatum, Benth.
8759 laxum, Gray.
8760 lineare, Nutt.
8761 micranthum, Gray.
8762 oblongum, Benth.
8763 ovatum, Curran.

## PLANTAGINACEÆ.

LITTORELLA [5869]
8764 lacustris, L.

PLANTAGO [5867]
8765 Bigelovii, Gray.
8766 cordata, Lam.
8767 decipiens, Barneoud.
8768 eriopoda, Torr.
8769 heterophylla, Nutt.
8770 hirtella, HBK.
8771 *lanceolata*, *L.*
8772 macrocarpa, Cham. & Schl.
8773 major, L.
8774 var. Asiatica, Decsne.
8775 maritima, L.
8776 Patagonica, Jacq., var. aristata, Gray.
8777 var. gnaphalioides, Gray.
8778 var. nuda, Gray.
8779 var. spinulosa, Gray.
8780 pusilla, Nutt.
8781 Rugelii, Decsne.
8782 sparsiflora, Michx.
8783 Tweedyi, Gray.
8784 Virginica, L.
8785 var. longifolia, Gray.

## NYCTAGINACEÆ.

ABRONIA [5882]
8786 Crux-Maltæ, Kellogg.
8787 cycloptera, Gray.
8788 fragrans, Nutt.

8789 gracilis, Benth.
8790 latifolia, Esch.
8791 maritima, Nutt.
8792 mellifera, Dougl.
S 8793 micrantha, Torr.
8794 nana, Watson.
8795 pogonantha, Heimerl.
8796 turbinata, Torr.
8797 umbellata, Lam.
8798 villosa, Watson.

ACLEISANTHES 5876
8799 anisophylla, Gray.
8800 Berlandieri, Gray.
8801 crassifolia, Gray.
8802 longiflora, Gray.
8803 Wrightii, Benth. & Hook.

ALLIONIA 5873
8804 incarnata, L.

BOERHAAV A 5874
8805 anisophylla, Torr.
8806 Coulteri, Watson.
S 8807 erecta, L.
8808 erioselena, Gray.
8809 gibbosa, Pavon.
8810 hirsuta, Willd.
8811 linearifolia Gray.
8812 leiosolena, Gray.
8813 paniculata, Rich.
8814 pterocarpa, Watson.
S 8815 purpurascens, Gray.
8816 scandens, L.
8817 spicata, Choisy, var. (?) Torreyana, Watson.
8818 tenuifolia, Gray.
8819 viscosa, Lag.
8820 Wrightii, Gray.

HERMIDIUM 5879
8821 alipes, Watson.

MIRABILIS 5870
8822 Bigelovii, Gray.
8823 Californica, Gray.
8824 Greenei, Watson.
8825 *Jalapa*, L.
S 8826 multiflora, Gray.
8827 var. pubescens, Watson.
8828 oxybaphoides, Gray.
8829 tenuiloba, Watson.
8830 Wrightiana, Gray.

NYCTAGINIA 5872
8831 capitata, Choisy.

*OXYBAPHUS* 5871
*8832 aggregatus*, Vahl.
8833 albidus, Sweet.
S 8834 angustifolius, Sweet.
8835 coccineus, Torr.
8836 glaber, Watson.
8837 glabrifolius, Vahl.
S 8838 hirsutus, Sweet.
8839 linearifolius, Watson.
S 8840 nyctagineus, Sweet.
8841 var. Cervantesii, Gray.
8842 var. latifolius, Gray.
8843 var. oblongifolius, Gray.
8844 var. pilosus, Gray.
8845 viscosus, L'Her.

PISONIA 5886
8846 aculeata, L.
8847 obtusata, Swartz.
8848 rotundata, Griseb.

SELINOCARPUS 5877
8849 angustifolius, Gray.
8850 chenopodioides, Gray.
8851 diffusus, Gray.

## ILLECEBRACEÆ.

ACHYRONYCHIA 5900
8852 Cooperi, Gray.
8853 Rixfordii, Brand.

ANYCHIA 5904
S 8854 capillacea, DC.
S 8855 dichotoma, Michx.

PARONYCHIA 5901
S 8856 argyrocoma, Nutt.
8857 Baldwinii, Fenzl.
8858 Chilensis, DC.
8859 dichotoma, Nutt.
8860 Drummondii, T. & G.
8861 herniarioides, Nutt.
S 8862 Jamesii, T & G.
8863 var. depressa T. & G.
8864 Lindheimeri, Engelm.
S 8865 pulvinata, Gray.
8866 pusilla, Greene.
8867 riparia, Chapm.
8868 sessiliflora, Nutt.
8869 setacea, T. & G.

PENTACÆNA 5896
S 8870 polycnemoides, Bartl.

SCLERANTHUS 5913
S 8871 *annuus*, L.

SIPHONYCHIA 5903
8872 Americana, T. & G.
8873 diffusa, Chapm.
8874 erecta, Chapm.
8875 Rugelii, Chapm.

## AMARANTACEÆ.

**ACANTHOCHITON** 5930
8876 Wrightii, Torr.

**ACNIDA** 5929
8877 australis, Gray.
8878 cannabina, L.
8879 Floridana, Watson.
8880 rusocarpa, Michx.
8881 tamariscina, Gray.
8882 tuberculata, Moq.
8883 var. subnuda, Watson.

**ALTERNANTHERA** 5956
8884 Achyrantha, R. Br.
8885 flavescens, Moq.

**AMARANTUS** 5928
8886 albus, L.
8887 blitoides, Watson.
8888 *Blitum*, *L.*
8889 Californicus, Watson.
8890 chlorostachys, Willd.
8891 var. hybridus, Watson.
8892 *crispus*, *Braun.*
8893 *deflexus*, *L.*
8894 fimbriatus, Benth.
8895 Greggii, Watson.
8896 *hybridus*, *L.*
8897 *hypochondriacus*, *L.*
8898 leucospermus, Watson.
8899 *lividus*, *L.*
8900 obovatus, Watson.
8901 Palmeri, Watson.
8902 *paniculatus*, *L.*
8903 polygonoides, L.
8904 Powellii, Watson.
8905 Pringlei, Watson.
8906 pumilus, Raf.
8907 *retroflexus*, *L.*
8908 *spinosus*, *L.*
8909 Torreyi, Benth.
8910 *tristis*, *L.*
8911 venulosus, Watson.
8912 Wrightii, Watson.

**CELOSIA** 5918
8913 paniculata, L.

**CLADOTHRIX** 5952
8914 cryptantha, Watson.
8915 lanuginosa, Nutt.
8916 oblongifolia, Watson.
8917 suffrutescens, Benth. & Hook.

**FRŒLICHIA** 5961
8918 Drummondii, Moq.
8919 Floridana, Moq.
8920 gracilis, Moq.
8921 interrupta, Moq.

**GOMPHRENA** 5960
8922 cæspitosa, Torr.
8923 nitida, Rothr.
8924 Sonoræ, Torr.
8925 tuberifera, Torr.

**GOSSYPIANTHUS** 5957
8926 rigidiflorus, Hook.

**GUILLEMINEA** 5951
8927 illecebroides, HBK.

**IRESINE** 5963
8928 alternifolia, Watson, var. Texana, Coult.
8929 celosioides, L.

**MOGIPHANES** 5954
8930 Floridana, Benth. & Hook.
8931 straminea, Mart.

**PHILOXERUS** 5959
8932 vermicularis, R. Br.

**TELANTHERA** 5955
8933 maritima, Moq.
8934 polygonoides, Moq.

## CHENOPODIACEÆ.

**ANREDERA** 6047
8935 scandens, Moq.

**APHANISMA** 5969
8936 blitoides, Nutt.

**ATRIPLEX** 5979
8937 acanthocarpum, Watson.
8938 Alaskense, Watson.
8939 arenarium, Nutt.
8940 argenteum, Nutt.
8941 Barclayanum, Dietr.
8942 bracteosum, Watson.
8943 Breweri, Watson.
8944 Californicum, Moq.
8945 canescens, James.
8946 var angustifolium, Watson.
8947 confertifolium, Watson.
8948 coronatum, Watson.
8949 Coulteri, Dietr.
8950 cristatum HBK.
8951 decumbens, Watson.
8952 elegans, Dietr.
8953 Endolepis, Watson.
8954 expansum, Watson.
8955 fasciculatum, Watson.
8956 Gmelini, C. A. Mey.
8957 Greggii, Watson.

8958 hymenelytrum, Watson.
8959 lentiforme, Watson.
8960 leucophyllum, Dietr.
8961 microcarpum, Dietr.
8962 Nuttallii, Watson.
8963 oppositifolium, Watson.
8964 orbiculare, Watson.
8965 Parishii, Watson.
8966 Parryi, Watson.
8967 patulum, L., v. hastatum, Gr.
8968 var. littorale, Gray.
8969 var. subspicatum, Watson.
8970 phyllostegium, Watson.
8971 polycarpum, Watson.
8972 Powellii, Watson.
8973 pusillum, Watson.
8974 *roseum*, *L.*
8975 saccarium, Watson.
8976 spicatum, Watson.
8977 Texanum, Watson.
8978 Torreyi, Watson.
8979 truncatum, Gray.
8980 Wolfii, Watson.
8981 Wrightii, Watson.
8982 zosteræfolium, Watson.

CHENOPODIUM 8972

8983 *album*, *L.*
8984 *var. viride*, *Moq.*
8985 *ambrosioides*, *L.*
8986 *var. anthelminticum*, *Gray.*
8987 Berlandieri, Moq.
8988 *Bonus-Henricus*, *L.*
8989 Boscianum, Moq.
8990 *Botrys*, *L.*
8991 Californicum, Watson.
8992 capitatum, Watson.
8993 *carinatum*, *R. Br.*
8994 cornutum, Benth. & Hook.
8995 fœtidum, Schrad.
8996 Fremonti, Watson.
8997 var. incanum, Watson.
8998 glaucum, L.
8999 humile, Hook.
9000 hybridum, L.
9001 leptophyllum, Nutt.
9002 var. oblongifolium, Watson.
9003 var. subglabrum, Watson.
9004 *murale*, *L.*
9005 var. farinosum, Watson.
9006 olidum, Watson.
9007 *polyspermum*, *L.*
9008 rubrum, L.
9009 *urbicum*, *L.*

CORISPERMUM 8990

9010 hyssopifolium, L.
9011 var. microcarpum, Watson.

CYCLOLOMA 8970

9012 platyphyllum, Moq.

EUROTIA 8982

9013 lanata, Moq.

GRAYIA 8980

9014 Brandegei, Gray.
9015 polygaloides, Hook. & Arn.

KOCHIA 8997

9016 Americana, Watson.
9017 var. vestita, Watson.
9018 Californica, Watson.
9019 *scoparia*, *Schrad.*

MONOLEPIS 8971

9020 chenopodioides, Moq.
9021 pusilla, Torr.
9022 spathulata, Gray.

NITROPHILA 8998

9023 occidentalis, Watson.

ROUBIEVA 8974

9024 *multifida*, *Moq.*

SALICORNIA 9014

9025 ambigua, Michx.
9026 herbacea, L.
9027 mucronata, Bigel.
9028 var. suffrutescens, Watson.

SALSOLA 9027

9029 Kali, L.

SARCOBATUS 9042

9030 vermiculatus, Torr.

SPIROSTACHYS 9007

9031 occidentalis, Watson.

SUÆDA 9016

9032 Californica, Watson.
9033 depressa, Watson.
9034 var. erecta, Watson.
9035 diffusa, Watson.
9036 intermedia, Watson.
9037 linearis, Moq.
9038 var. ramosa, Watson.
9039 minutiflora, Watson.
9040 occidentalis, Watson.
9041 suffrutescens, Watson.
9042 Torreyana, Watson.

SUCKLEYA 8981

9043 petiolaris, Gray.

## PHYTOLACCACEÆ.

PETIVERIA •0063
9044 alliacea, L.
PHYTOLACCA •0066
9045 decandra, L.
RIVINA •0048
9046 humilis, L.
9047 lævis, L.

## BATIDEÆ.

BATIS •0066
9048 maritima, L.

## POLYGONACEÆ.

BRUNNICHIA •0004
9049 cirrhosa, Banks.
CHORIZANTHE •0072
9050 Andersoni, Parry.
9051 brevicornu, Torr.
9052 Breweri, Watson.
9053 Californica, Gray.
9054 Clevelandi, Parry.
9055 corrugata, T. & G.
9056 cuspidata, Watson.
9057 diffusa, Benth.
9058 Douglasii, Benth.
9059 var. albens, Parry.
9060 Fernandina, Watson.
9061 fimbriata, Nutt.
9062 insignis, Curran.
9063 laciniata, Torr.
9064 leptoceras, Watson.
9065 membranacea, Benth.
9066 Orcuttiana, Parry.
9067 Palmeri, Watson.
9068 Parryi, Watson.
9069 perfoliata, Gray.
9070 polygonoides, T. & G.
9071 procumbens, Nutt.
9072 pungens, Benth.
9073 var. nivea, Curran.
9074 rigida, T. & G.
9075 robusta, Parry.
9076 spinosa, Watson.
9077 staticoides, Benth.
9078 stellulata, Benth.
9079 Thurberi, Watson.
9080 var. cryptantha, Curran.
9081 uniaristata, T. & G.
9082 valida, Watson.
9083 Watsoni, T. & G.
9084 Wheeleri, Watson.
9085 Xanti, Watson.

COCCOLOBA •0091
9086 Floridana, Meisn.
9087 uvifera, Jacq.
ERIOGONUM •0070
9088 Abertianum, Torr.
9089 acaule, Nutt.
9090 alatum, Torr.
9091 Alleni, Watson.
9092 androsaceum, Benth.
9093 angulosum, Benth.
9094 annuum, Nutt.
9095 apiculatum, Watson.
9096 arborescens, Greene.
9097 Baileyi, Watson.
9098 var. (?) tomentosum, Watson.
9099 brachypodum, T. & G.
9100 brevicaule, Nutt.
9101 cæspitosum, Nutt.
9102 cernuum, Nutt.
9103 chrysocephalum, Gray.
9104 cinereum, Benth.
9105 citharæforme, Watson.
9106 compositum, Dougl.
9107 corymbosum, Benth.
9108 dasyanthemum, T. & G.
9109 deflexum, Torr.
9110 delicatulum, Watson.
9111 deserticola, Watson.
9112 dichotomum, Dougl.
9113 divaricatum, Nutt.
9114 Douglasii, Benth.
9115 elatum, Dougl.
9116 elongatum, Benth.
9117 Esmeraldense, Watson.
9118 fasciculatum, Benth.
9119 flavum, Nutt.
9120 giganteum, Watson.
9121 glandulosum, Nutt.
9122 Gordoni, Benth.
9123 gracile, Benth.
9124 gracilipes, Watson.
9125 gracillimum, Watson.
9126 grande, Greene.
9127 gossypinum, Curran.
9128 Havardi, Watson.
9129 Heermanni, Dur. & Hilg.
9130 heracleoides, Nutt.
9131 hieracifolium, Benth.
9132 hirtiflorum, Gray.
9133 Hookeri, Watson.
9134 incanum, T. & G.

9135 inflatum, Torr.
9136 insigne, Watson.
9137 Jamesii, Benth.
9138 var. flavescens, Watson.
9139 Jonesii, Watson.
9140 Kelloggii, Gray.
9141 Kennedyi, Porter.
9142 Kingii, T. & G.
9143 lachnogynum, Torr.
9144 latifolium, Smith.
9145 Lemmoni, Watson.
9146 Lobbii, T. & G.
9147 lonchophyllum, T. & G.
9148 longifolium, Nutt.
9149 marifolium, T. & G.
9150 Mearnsii, Britt.
9151 microthecum, Nutt.
9152 var. effusum, T. & G.
9153 minutiflorum, Watson.
9154 Mohavense, Watson.
9155 molestum, Watson.
9156 multiceps, Nees.
9157 multiflorum, Benth.
9158 Nealleyi, Coult.
9159 niveum, Dougl.
9160 nudum, Dougl.
9161 var. oblongifolium, Watson.
9162 var. pauciflorum, Watson.
9163 nutans, T. & G.
9164 ochrocephalum, Watson.
9165 Ordii, Watson.
9166 ovalifolium, Nutt.
9167 var. proliferum, Watson.
9168 Palmeri, Watson.
9169 panduratum, Watson.
9170 Parishii, Watson.
9171 Parryi, Gray.
9172 parvifolium, Smith.
9173 pauciflorum, Nutt.
9174 pendulum, Watson.
9175 pharnaceoides, Torr.
9176 Plumatella, Dur. & Hilg.
9177 polycladon, Benth.
9178 puberulum, Watson.
9179 pusillum, T. & G.
9180 pyrolæfolium, Hook.
9181 var. coryphæum, T. & G.
9182 racemosum, Nutt.
9183 reniforme, Torr.
*9184 robustum*, Greene.
*9185 rotundifolium*, Benth.
9186 rubescens, Greene.
9187 salsuginosum, Hook.
9188 saxatile, Watson.
9189 Shockleyi, Watson.
9190 spathulatum, Gray.
9191 spergulinum, Gray.
9192 sphærocephalum, Dougl.
9193 stellatum, Benth.
9194 var. bahiæforme, Watson.
9195 strictum, Benth.
9196 subreniforme, Watson.
9197 suffruticosum, Watson.
9198 sulcatum, Watson.
9199 tenellum, Torr.
9200 Thomasii, Torr.
9201 Thompsonæ, Watson.
9202 Thurberi, Torr.
9203 thymoides, Benth.
9204 tomentosum, Michx.
9205 Torreyanum, Gray.
9206 trichopodum, Torr.
9207 tripodum, Greene.
9208 triste, Watson.
9209 truncatum, T. & G.
9210 umbellatum, Torr.
9211 var. monocephalum, T. & G.
9212 ursinum, Watson.
9213 vagans, Watson.
9214 villiflorum, Gray.
9215 vimineum, Dougl.
9216 virgatum, Benth.
9217 Watsoni, T. & G.
9218 Wrightii, Torr.
9219 var. subscaposa, Watson.

FAGOPYRUM 6085

9220 *esculentum*, *Moench.*
9221 *Tataricum*, *Gaertn.*

HOLLISTERIA 6073

9222 lanata, Watson.

LASTARRIÆA 6075

9223 Chilensis, Remy.

NEMACAULIS 6074

9224 Nuttallii, Benth.

OXYRIA 6087

9225 digyna, Hill.

OXYTHECA 6071

9226 caryophylloides, Parry.
9227 dendroidea, Nutt.
9228 luteola, Parry.
9229 Parishii, Parry.
9230 perfoliata, T. & G.
9231 trilobata, Gray.

9232 Watsoni, T. & G.

POLYGONELLA 6083

9233 articulata, Meisn.
9234 brachystachya, Meisn.
9235 ciliata, Meisn.
9236 Croomii, Chapm.
9237 ericoides, Gray.
9238 gracilis, Meisn.
9239 parvifolia, Michx.

POLYGONUM 6084

9240 acre, HBK.
9241 amphibium, L.
9242 arifolium, L.
9243 Austinæ, Greene.
9244 aviculare, L.
9245 var. littorale, Link.
9246 Bidwelliæ, Watson.
9247 Bistorta, L.
9248 var. linearifolium, Watson.
9249 var. oblongifolium, Meisn.
9250 Bolanderi, Brewer.
9251 Californicum, Meisn.
9252 camporum, Meisn.
9253 Careyi, Olney.
9254 cilinode, Michx.
9255 coarctatum, Dougl.
9256 *Convolvulus*, *L.*
9257 *cuspidatum*, *Sieb. & Zucc.*
9258 Davisiæ, Brewer.
9259 densiflorum, Meisn.
9260 Douglasii, Greene.
9261 var. latifolium, Greene.
9262 dumetorum, L., var. scandens, [Gray.
9263 Engelmanni, Greene.
9264 erectum, L.
9265 fimbriatum, Ell.
9266 Greenei, Watson.
9267 Hartwrightii, Gray.
9268 hirsutum, Walt.
9269 Hydropiper, L.
9270 hydropiperoides, Michx.
9271 imbricatum, Nutt.
9272 intermedium, Nutt.
9273 lapathifolium, L.
9274 var. incanum, Koch.
9275 var. incarnatum, Watson.
9276 maritimum, L.
9277 Meisnerianum, Ch. & Schl.
9278 var. Beyrichianum, Meisn.
9279 minimum, Watson.
9280 Muhlenbergii, Watson.
9281 nodosum, Pers.
9282 *orientale*, *L.*
9283 Paronychia, Cham. & Schl.
9284 Parryi, Greene.
9285 Pennsylvanicum, L.
9286 *Persicaria*, *L.*
9287 polygaloides, Meisn.
9288 polymorphum, Ledeb.
9289 var. alpinum, Ledeb.
9290 var. lapathifolium, Ledeb.
9291 ramosissimum, Michx.
9292 sagittatum, L.
9293 setaceum, Baldw.
9294 Shastense, Brewer.
9295 tenue, Michx.
9296 Virginianum, L.
9297 viviparum, L.

PTEROSTEGIA 6076

9298 drymarioides, Fisch. & Mey.

RUMEX 6088

9299 *Acetosa*, *L.*
9300 *Acetosella*, *L.*
9301 altissimus, Wood.
9302 Berlandieri, Meisn.
9303 Brittanica, L.
9304 *conglomeratus*, *Murray.*
9305 *crispus*, *L.*
9306 Floridanus, Meisn.
9307 hastatulus, Baldw.
9308 hymenosepalus, Torr.
9309 maritimus, L.
9310 *obtusifolius*, *L.*
9311 occidentalis, Watson.
9312 *Patientia*, *L.*
9313 paucifolius, Nutt.
9314 *pulcher*, *L.*
9315 salicifolius, Weinm.
9316 *sanguineus*, *L.*
9317 venosus, Pursh.
9318 verticillatus, L.

## PODOSTEMACEÆ.

PODOSTEMON 6113

9319 ceratophyllus, Michx.
9320 var. abrotanoides, Weddell.

## CYTINACEÆ.

APODANTHES 6125

9321 Thurberi, Benth. & Hook.

## ARISTOLOCHIACEÆ.

ARISTOLOCHIA 6135

9322 brevipes, Benth.

Mass S 9312 X 9310

9323 var. acuminata, Watson.
9324 Californica, Torr.
9325 *clematitis*, *L.*
9326 longifolia, Engelm. & Gray.
9327 pentandra, L.
9328 reticulata, Nutt.
9329 Serpentaria, L.
9330 Sipho, L'Her.
9331 tomentosa, Sims.

ASARUM 6131
9332 arifolium, Michx.
9333 Canadense, L.
9334 caudatum, Lindl.
9335 Hartwegi, Watson.
9336 Lemmoni, Watson.
9337 Virginicum, L.

## PIPERACEÆ.

HOUTTUYNIA (6139)
9338 Californica, Benth. & Hook.

PEPEROMIA 6145
9339 leptostachya, Chapm.
9340 magnoliæfolia, DC

SAURURUS 6137
9341 cernuus, L.

## LAURACEÆ.

CASSYTHA 6214
9342 filiformis, Mill.

LINDERA 6212
9343 Benzoin, Blume.
9344 melissæfolia, Blume.

LITSEA 6208
9345 geniculata, Benth. & Hook.

NECTANDRA 6201
9346 Willdenoviana, Nees.

PERSEA 6195
9347 Carolinensis, Nees.
9348 var. palustris, Chapm.

SASSAFRAS 6205
9349 officinale, Nees.

UMBELLULARIA 6210
9350 Californica, Nutt.

## THYMELÆACEÆ.

DAPHNE 6271
9351 *Mezereum*, *L.*

DIRCA 6273
9352 occidentalis, Gray.
9353 palustris, L.

## ELÆAGNACEÆ.

ELÆAGNUS 6311
9354 argentea, Pursh.

*SHEPHERDIA* 6313
*9355 argentea, Nutt.*
9356 Canadensis, Nutt.
9357 rotundifolia, Parry.

## LORANTHACEÆ.

ARCEUTHOBIUM 6317
9358 Americanum, Nutt.
9359 divaricatum, Engelm.
9360 Douglasii, Engelm.
9361 var. abietinum, Engelm.
9362 var. (?) microcarpum, Eng.
9363 minutum, Engelm.
9364 occidentale, Engelm.
9365 var. abietinum, Engelm.
9366 pusillum, Peck.
9367 robustum, Engelm.
9368 vaginatum, Eichler.

PHORADENDRON 6319
9369 Bolleanum, Eichl.
9370 Californicum, Nutt.
9371 flavescens, Nutt.
9372 var. macrophyllum, Eng.
9373 var. orbiculatum, Engelm.
9374 var. villosum, Engelm.
9375 juniperinum, Engelm.
9376 var. Libocedri, Engelm.

## SANTALACEÆ.

BUCKLEYA 6342
9377 distichophylla, Torr.

COMANDRA 6336
9378 livida, Richards.
9379 pallida, A. DC.
9380 var. angustifolia, A. DC.
9381 umbellata, Nutt.

DARBYA (6342)
9382 umbellulata, Gray.

PYRULARIA 6334
9383 pubera, Michx.

## EUPHORBIACEÆ.

ACALYPHA 6502
9384 Californica, Benth.
9385 Caroliniana, Ell.
9386 corchorifolia, Willd.
9387 hederacea, Torr.
9388 Lindheimeri, Muell.
9389 Neo-Mexicana, Muell.
9390 radians, Torr.
9391 Virginica, L.
9392 var. gracilens, Muell.

ANDRACHNE 6399
9393 Roemeriana, Muell.

ARGITHAMNIA 6480
9394 aphoroides, Muell.

9395 Blodgettii, Torr.
9396 humilis, Muell.
9397 lævis, Muell.
9398 mercurialina, Muell.
9399 Neo-Mexicana, Muell.
9400 pilosissima, Muell.
9401 sericophylla, Gray.
9402 serrata, Muell.

**BERNARDIA** 6403

9403 myricæfolia, Watson.

**CROTON** 6400

9404 Alabamensis, E. A. Smith.
9405 argyranthemus, Michx.
9406 balsamiferus, Willd.
9407 betulinus, Vahl.
9408 Californicus, Muell.
9409 var. major, Watson.
9410 capitatus, Michx.
9411 var. Lindheimeri, Muell.
9412 Cortesianus, HBK.
9413 corymbulosus, Engelm.
9414 Elliottii, Chapm.
9415 fruticulosus, Torr.
9416 var. fuscescens, Muell.
9417 var. pallescens, Muell.
9418 glandulosus, L.
9419 var. angustifolius, Muell.
9420 var. Lindheimeri, Muell.
9421 var. septentrionalis, Muell.
9422 leucophyllus, Muell.
9423 Lindheimerianus, Scheele.
9424 linearis, Jacq.
9425 maritimus, Walt.
9426 monanthogynus, Michx.
9427 Neo-Mexicanus, Muell.
9428 Sonoræ, Torr.
9429 suaveolens, Torr.
9430 var. oblongifolius, Torr.
9431 tenuis, Watson.
9432 Texensis, Muell.
9433 Torreyanus, Muell.

**CROTONOPSIS** 6402

9434 linearis, Michx.

**DRYPETES** 6413

9435 crocea, Poit.
9436 glauca, Vahl.

**EREMOCARPUS** 6403

9437 setigerus, Benth.

**EUPHORBIA** 6370

9438 acuta, Engelm.
9439 adenoptera, Bertol.
9440 albomarginata, T. & G.
9441 ammannioides, HBK.
9442 angusta, Engelm.
9443 antisyphilitica, Zucc.
9444 Arizonica, Engelm.
9445 barbellata, Engelm.
9446 bicolor, Engelm. & Gray.
9447 bifurcata, Engelm.
9448 bilobata, Engelm.
9449 Blodgettii, Engelm.
9450 Brasiliensis, Lam.
9451 brachycera, Engelm.
9452 buxifolia, Lam.
9453 campestris, Cham. & Schl.
9454 capitellata, Engelm.
9455 chamæsula, Boiss.
9456 colorata, Engelm.
9457 cordifolia, Ell.
9458 commutata, Engelm.
9459 corollata, L.
9460 var. angustifolia, Ell.
9461 cuphosperma, Boiss.
9462 Curtisii, Engelm.
9463 cuspidata, Engelm.
9464 *Cyparissias*, *L.*
9465 Darlingtonii, Gray.
9466 deltoidea, Engelm.
9467 dentata, Michx.
9468 var. gracillima, Millsp.
9469 var. linearis, Engelm.
9470 var. rigida, Engelm.
9471 dictyosperma, Fisch. & Mey.
9472 discoidalis, Chapm.
9473 eriantha, Benth.
9474 *Esula*, *L.*
9475 *exigua*, *L.*
9476 exstipulata, Engelm.
9477 Fendleri, T. & G.
9478 var. chætocalyx, Boiss.
9479 florida, Engelm.
9480 Garberi, Engelm.
9481 Geyeri, Engelm.
9482 glabella, Swartz.
9483 glyptosperma, Engelm.
9484 var. pubescens, Boiss.
9485 var. tenerrima, Engelm.
9486 Greenei, Millsp.
9487 *Helioscopia*, *L.*
9488 heterophylla, L.
9489 var. graminifolia, Engelm.

9490 hexagona, Nutt.
9491 hirtula, Engelm.
9492 humistrata, Engelm.
9493 hypericifolia, L.
9494 var. communis, Engelm.
9495 var. Preslii, (Guss.) Millsp.
9496 inundata, Torr.
9497 Ipecacuanhæ, L.
9498 Jonesii, Millsp.
9499 Laredana, Millsp.
9500 lata, Engelm.
9501 *Lathyris, L.*
9502 leptocera, Engelm.
9503 longicruris, Scheele.
9504 lurida, Engelm.
9505 maculata, L.
9506 marginata, Pursh.
9507 mercurialina, Michx.
9508 misera, Benth.
9509 mollis, Engelm.
9510 montana, Engelm.
9511 var. gracilior, Engelm.
9512 var. robusta, Engelm.
9513 *Nicæensis, All.*
9514 nudicaulis, Chapm.
9515 obtusata, Pursh.
9516 ocellata, Dur. & Hilg.
9517 occidentalis, Drew.
9518 odontadenia, Boiss.
9519 Palmeri, Engelm.
9520 Parishii, Greene.
9521 Parryi, Engelm.
9522 pediculifera, Engelm.
9523 Peplidion, Engelm.
9524 peplofolia, Engelm.
9525 *Peplus, L.*
9526 petaloidea, Engelm.
9527 pilulifera, L.
9528 var. discolor, Engelm.
9529 var. procumbens, Boiss.
9530 *platyphylla, L.*
9531 platysperma, Engelm.
9532 Plummeræ, Watson.
9533 polycarpa, Benth.
9534 var. vestita, Watson.
9535 polyclada, Boiss.
9536 polygonifolia, L.
9537 polyphylla, Engelm.
9538 Pondii, Millsp.
9539 Pringlei, Engelm.
9540 prostrata, Ait.
9541 pseudoserpyllifolia, Millsp.
9542 pubentissima, Michx.
9543 pycnanthema, Engelm.
9544 radians, Benth.
9545 Rattani, Watson.
9546 revoluta, Engelm.
9547 Roemeriana, Scheele.
9548 Rusbyi, Greene.
9549 serpens, HBK.
9550 var. radicans, Engelm.
9551 serpyllifolia, Pers.
9552 var. consanguinea, Boiss.
9553 var. Neo-Mexicana, (Greene) Millspaugh.
9554 var. rugulosa, Engelm.
9555 Serrula, Engelm.
9556 setiloba, Engelm.
9557 sphærosperma, Shuttlw.
9558 stictospora, Engelm.
9559 subpubens, Engelm.
9560 telephioides, Chapm.
9561 tetrapora, Engelm.
9562 Texana, Boiss.
9563 trachysperma, Engelm.
9564 trichotoma, HBK.
9565 Vaseyi, Coult.
9566 velutina, Greene.
9567 versicolor, Greene.
9568 villifera, Scheele.
9569 Wrightii, T. & G.
9570 zygophylloides, Boiss.

**HIPPOMANE** 6563

9571 Mancinella, L.

**JATROPHA** 6455

9572 angustidens, Muell.
9573 Berlandieri, Torr.
9574 canescens, Muell.
9575 cardiophylla, Muell.
9576 macrorhiza, Benth., var. septemfida, Engelm.
9577 multifida, L.
9578 spathulata, Muell., var. sessiliflora, Muell.
9579 stimulosa, Michx.

**MANIHOT** 6488

9580 angustiloba, Muell.
9581 Carthagenensis, Muell.

**MERCURIALIS** 6498

9582 *annua, L.*

PACHYSANDRA 6369
9583 procumbens, Michx.
PHYLLANTHUS 6404
9584 abnormis, Baill.
9585 Carolinensis, Walt.
9586 Niruri, L.
9587 polygonoides, Spreng.
REVERCHONIA 6403
9588 arenaria, Gray.
RICINUS 6526
9589 *communis*, *L.*
SAPIUM 6567
9590 *sebiferum*, *Roxb.*
SEBASTIANIA 6570
9591 ligustrina, Muell.
9592 lucida, Muell.
SIMMONDSIA 6384
9593 Californica, Nutt.
STILLINGIA 6568
9594 angustifolia, Engelm.
9595 (?) annua, Muell.
9596 aquatica, Chapm.
9597 linearifolia, Watson.
9598 paucidentata, Watson.
9599 sylvatica, L.
9600 Torreyana, Watson.
TRAGIA 6552
9601 innocua, Walt.
9602 laciniata, Muell.
9603 macrocarpa, Willd.
9604 nepetæfolia, Cav.
9605 var.(?) angustifolia, Muell.
9606 stylaris, Muell.
9607 urens, L.

## URTICACEÆ.

BŒHMERIA 6607
9608 cylindrica, Willd.
9609 var. scabra, Porter.
CANNABIS 6596
9610 *sativa*, *L.*
CELTIS 6588
9611 brevipes, Watson.
9612 Mississippiensis, Bosc.
9613 occidentalis, L.
9614 var. pumila, Gray.
9615 pallida, Torr.
9616 reticulata, Torr.
FICUS 6621
9617 aurea, Nutt.
9618 brevifolia, Nutt.
9619 pedunculata, Willd.
HESPEROCNIDE 6652
9620 tenella, Torr.
HUMULUS 6595
9621 Lupulus, L.
LAPORTEA 6657
9622 Canadensis, Gaudich.
MACLURA 6610
9623 aurantiaca, Nutt.
MORUS 6614
9624 *alba*, *L.*
9625 microphylla, Buckl.
9626 *nigra*, *L.*
9627 rubra, L.
PARIETARIA 6663
9628 debilis, Forst.
9629 Floridana, Nutt.
9630 Pennsylvanica, Muhl.
PILEA 6661
9631 herniarioides, Lindl.
9632 pumila, Gray.
PLANERA 6585
9633 aquatica, Gmel.
9634 Gmelini, Michx.
TREMA 6590
9635 micrantha, Benth. & Hook.
ULMUS 6582
9636 alata, Michx.
9637 Americana, L.
9638 var.(?) aspera, Chapm.
9639 crassifolia, Nutt.
9640 fulva, Michx.
9641 racemosa, Thomas.
URTICA 6681
9642 Breweri, Watson.
9643 Californica, Greene.
9644 chamædryoides, Pursh.
9645 *dioica*, *L.*
9646 gracilis, Ait.
9647 holosericea, Nutt.
9648 Lyallii, Watson.
9649 *urens*, *L.*

## PLATANACEÆ.

PLATANUS 6692
9650 occidentalis, L.
9651 racemosa, Nutt.
9652 Wrightii, Watson.

## LEITNERIEÆ.

LEITNERIA 6693
9653 Floridana, Chapm.

## JUGLANDACEÆ.

CARYA 6695
9654 alba, Nutt.
9655 amara, Nutt.

9656 aquatica, Nutt.
9657 microcarpa, Nutt.
9658 myristicæformis, Michx.
S 9659 olivæformis, Nutt.
S 9660 porcina, Nutt.
9661 sulcata, Nutt.
9662 tomentosa, Nutt.

JUGLANS 6698

9663 Californica, Watson.
C S 9664 cinerea, L.
C S 9665 nigra, L.
9666 rupestris, Engelm.

## MYRICACEÆ.

MYRICA 6700

C S 9667 asplenifolia, Endl.
S 9668 Californica, Cham.
C S 9669 cerifera, L.
C S 9670 Gale, L.
9671 Hartwegi, Watson.

## CASUARINEÆ.

CASUARINA 6701

9672 equisetifolia, Forst.

## CUPULIFERÆ.

ALNUS 6703

C S 9673 incana, Willd.
C S 9674 var. virescens, Watson.
9675 maritima, Muhl.
S 9676 rhombifolia, Nutt.
9677 rubra, Bong.
S 9678 serrulata, Willd.
C S 9679 viridis, DC.

BETULA 6702

S 9680 glandulosa, Michx.
C S 9681 lenta, L.
C S 9682 lutea, Michx. f.
C S 9683 nigra, L.
C S 9684 occidentalis, Hook.
C S 9685 papyrifera, Marsh.
9686 var. minor, Tuckerm.
C S 9687 populifolia, Ait.
C S 9688 pumila, L.

CARPINUS 6704

C S 9689 Caroliniana, Walt.

CASTANEA 6710

S 9690 pumila, Mill.
C S 9691 sativa, Mill, var. Americana, Watson.

CASTANOPSIS 6709

9692 chrysophylla, A. DC.

CORYLUS 6707

C S 9693 Americana, Walt.
C S 9694 rostrata, Ait.
9695 var. Californica, A. DC.

FAGUS 6711

C S 9696 ferruginea, Ait.

OSTRYA 6706

C S 9697 Virginica, Willd.

QUERCUS 6708

9698 agrifolia, Nee.
9699 var. frutescens, Engelm.
C S 9700 alba, L.
9701 aquatica, Walt.
C S 9702 bicolor, Willd.
S 9703 Catesbæi, Michx.
9704 chrysolepis, Liebm.
9705 var. vacciniifolia, Engelm.
C S 9706 cinerea, Michx.
9707 coccinea, Wang.
9708 var. ambigua, Gray.
S 9709 var. tinctoria, Gray.
9710 densiflora, Hook. & Arn.
9711 Douglasii, Hook. & Arn.
9712 dumosa, Nutt.
9713 var. bullata, Engelm.
9714 var. munita, Greene.
9715 Durandii, Buckl.
9716 Emoryi, Torr.
9717 Engelmanni, Greene.
9718 var. elegantula, Greene.
S 9719 falcata, Michx.
9720 Gambelii, Nutt.
9721 Garryana, Dougl.
S 9722 Georgiana, M. A. Curtis.
9723 grisea, Liebm.
9724 heterophylla, Michx.
9725 hypoleuca, Engelm.
S 9726 ilicifolia, Wang.
S 9727 imbricaria, Michx.
9728 Jacobi, R. Br.
9729 Kelloggii, Newberry.
S 9730 laurifolia, Michx.
9731 lobata, Nee.
S 9732 lyrata, Walt.
9733 MacDonaldi, Greene.
C S 9734 macrocarpa, Michx.
9735 var. depressa, Engelm.
9736 var. olivæformis, Gray.
S 9737 Michauxii, Nutt.
9738 Morehus, Kellogg.
C S 9739 Muhlenbergii, Engelm.
9740 myrtifolia, Willd.
S 9741 nigra, L.

9742 oblongifolia, Torr.
9743 Œrstedtiana, R. Br. Campst.
9744 Palmeri, Engelm.
9745 palustris, Du Roi.
9746 parvula, Greene.
9747 Phellos, L.
9748 prinoides, Willd.
9749 Prinus, L.
9750 pumila, Walt.
9751 var. sericea, Engelm.
9752 reticulata, Humb. & Bonpl.
9753 rubra, L.
9754 var. runcinata, A. DC.
9755 var. Texana, Buckl.
9756 Sadleriana, R. Br. Campst.
9757 stellata, Wang.
9758 tomentella, Engelm.
9759 turbinella, Greene.
9760 undulata, Torr.
9761 var. Gunnisoni, Engelm.
9762 var. Jamesii, Engelm.
9763 virens, Ait.
9764 var. maritima, Chapm.
9765 Wislizeni, A. DC.
9766 var. frutescens, Engelm.

## SALICACEÆ.

POPULUS

9767 *alba*, *L.*
9768 angustifolia, James.
9769 balsamifera, L.
9770 var. candicans, Gray.
9771 Fremonti, Watson.
9772 var. (?) Wislizeni, Watson.
9773 grandidentata, Michx.
9774 heterophylla, L.
9775 monilifera, Ait.
9776 tremuloides, Michx.
9777 trichocarpa, T. & G.
9778 var. cupulata, Watson.

SALIX

9779 adenophylla, Hook.
9780 *alba*, *L.*
9781 *var. vitellina*, (*L.*) *Koch.*
9782 amygdaloides, And.
9783 arbusculoides, And.
9784 arctica, Pall.
9785 argyrocarpa, And.
9786 Austinæ, Bebb. ?
9787 *Babylonica*, *L.*
9788 balsamifera, Barratt.
9789 Barclayi, And.
9790 var. latiuscula, And.
9791 Barrattiana, Hook.
9792 Breweri, Bebb.
9793 Brownii, Bebb.
9794 var. petræa, (And.) Bebb.
9795 Californica, Bebb.
9796 candida, Willd.
9797 Chamissonis, And.
9798 chlorophylla, And.
9799 var. pycnocarpa, And.
9800 var. vestita, And.
9801 commutata, Bebb.
9802 cordata, Muhl.
9803 var. angustata, (Pursh) And.
9804 var. Mackenziana, Hook.
9805 var. vestita, And.
9806 var. Watsoni, Bebb.
9807 desertorum, Richards.
9808 var. (?) Wolfii, Bebb.
9809 Drummondiana, Barratt.
9810 discolor, Muhl.
9811 var. eriocephala, (Mx.) And.
9812 var. prinoides, (Pursh) And.
9813 flavescens, Nutt.
9814 var. Scouleriana, (Barratt) Bebb.
9815 *fragilis*, *L.*
9816 fuscescens, And.
9817 glacialis, And.
9818 glauca, L.
9819 var. villosa, (Hook.) And.
9820 glaucophylla, Bebb.
9821 Grœnlandica, (And.) Lundst.
9822 herbacea, L.
9823 Hookeriana, Barratt.
9824 humilis, Muhl.
9825 var. grandifolia, And.
9826 var. longifolia, And.
9827 irrorata, And.
9828 lævigata, Bebb.
9829 var. angustifolia, Bebb.
9830 var. congesta, Bebb.
9831 lasiandra, Benth.
9832 var. Fendleriana, (And.) Bebb.
9833 var. lancifolia, (And.) Bebb.
9834 lasiolepis, Benth.
9835 var. Bigelovii, (Torr.) Bebb.
9836 var. fallax, Bebb.
9837 Lemmoni, Bebb.

9838 var. macrostachya, Bebb.
9839 var. melanolepis, Bebb.
9840 var. sphærostachya, Bebb.
9841 lingulata, And. ?
9842 longifolia, Muhl.
9843 var argyrophylla, (Nutt) And.
9844 var. exigua, (Nutt) Bebb.
9845 var. pedicellata, And.
9846 lucida, Muhl.
9847 macrocarpa, Nutt.
9848 var. argentea, Bebb.
9849 monticola, Bebb.
9850 myrtillifolia, And.
9851 myrtilloides, L.
9852 var. pedicellaris, (Ph.) And.
9853 nigra, Marsh.
9854 var. longipes, (Shuttl.) And.
9855 var. marginata, And.
9856 var. venulosa, And.
9857 var. Wardii, Bebb.
9858 var. Wrightii, And.
9859 orbicularis, And.
9860 ovalifolia, Traut.
9861 pellita, And.
9862 petiolaris, Smith.
9863 var. angustifolia, And.
9864 var. gracilis, And.
9865 phlebophylla, And.
9866 phylicifolia, L.
9867 phylicoides, And.
9868 prolixa, And.
9869 *purpurea*, *L.*
9870 reticulata, L.
9871 var. nivalis, (Hook) And.
9872 Richardsoniana, Hook.
9873 var. Macouniana, Bebb.
9874 rostrata, Richards.
9875 rotundifolia, Traut.
9876 sericea, Marsh.
9877 sessilifolia, Nutt.
9878 var. Hindsiana, (B'th) And.
9879 var. villosa, Nutt.
9880 Sitchensis, Sanson.
9881 var. congesta, And.
9882 var.(?)Coulteri, (And.) Bebb.
9883 var. denudata, And.
9884 speciosa, Hook. & Arn.
9885 taxifolia, HBK.
*9886 tristis, Ait.*
9887 Uva-ursi, Pursh.
9888 venusta, And.
9889 vestita, Pursh.
9890 *viminalis*, *L.*

## EMPETRACEÆ.

CERATIOLA 6717
9891 ericoides, Michx.
COREMA 6716
9892 Conradii, Torr.
EMPETRUM 6718
9893 nigrum, L.

## CERATOPHYLLACEÆ.

CERATOPHYLLUM 6718
9894 demersum, L.
9895 var. echinatum, Gray.

## GNETACEÆ.

EPHEDRA 6304
9896 antisyphilitica, C. A. Mey.
9897 Californica, Watson.
9898 Nevadensis, Watson.
9899 pedunculata, Engelm.
9900 Torreyana, Watson.
9901 trifurca, Torr.

## CONIFERÆ.

ABIES 6315
9902 amabilis, Forbes.
9903 balsamea, Mill.
9904 bracteata, Nutt.
9905 concolor, Lindl.
9906 Fraseri, Lindl.
9907 grandis, Lindl.
9908 magnifica, Murray.
9909 nobilis, Lindl.
9910 subalpina, Engelm.
9911 var. fallax, Engelm.
CHAMÆCYPARIS 6330
9912 Lawsoniana, Parlat.
9913 Nutkaensis, Spach.
9914 sphæroidea, Spach.
CUPRESSUS 6329
9915 Goveniana, Gordon.
9916 Guadalupensis, Watson.
9917 Macnabiana, Murr.
9918 macrocarpa, Hartw.
JUNIPERUS 6331
9919 Californica, Carr.
9920 var. Utahensis, Engelm.
9921 communis, L.
9922 var. alpina, Gaud.

9923 flaccida, Schlecht.
9924 pachyphlœa, Torr.
9925 occidentalis, Hook.
9926 var. conjungens, Engelm.
9927 var. monosperma, Engelm.
9928 Sabina, L., var. procumbens, [Pursh.
9929 Virginiana, L.

LARIX 8311
9930 Americana; Michx.
9931 Lyallii, Parlat.
9932 occidentalis, Nutt.

LIBOCEDRUS 8327
9933 decurrens, Torr.

PICEA 8313
9934 alba, Link.
9935 Breweriana, Watson.
9936 Engelmanni, Engelm.
9937 nigra, Link.
9938 pungens, Engelm.
9939 Sitchensis, Carr.

PINUS 8309
9940 albicaulis, Engelm.
9941 Arizonica, Engelm.
9942 Balfouriana, Jeffrey.
9943 var. aristata, Engelm.
9944 Banksiana, Lambert.
9945 cembroides, Zucc.
9946 Chihuahuana, Engelm.
9947 clausa, Vasey.
9948 contorta, Dougl.
9949 Coulteri, Don.
9950 Cubensis, Griseb.
9951 edulis, Engelm.
9952 flexilis, James.
9953 glabra, Walt.
9954 inops, Ait.
9955 insignis, Dougl.
9956 var. binata, Engelm.
9957 Jeffreyi, Murr.
9958 latifolia, Sargent.
9959 Lambertiana, Dougl.
9960 mitis, Michx.
9961 monophylla, Torr. & Frem.
9962 monticola, Dougl.
9963 muricata, Don.
9964 Murrayana, Balf.
9965 palustris, Mill.
9966 Parryana, Engelm.
9967 ponderosa, Dougl.
9968 var. scopulorum, Engelm.
9969 pungens, Michx. f.
9970 reflexa, Engelm.
9971 resinosa, Ait.
9972 rigida, Mill.
9973 Sabiniana, Dougl.
9974 serotina, Michx.
9975 Strobus, L.
9976 Tæda, L.
9977 Torreyana, Parry.
9978 tuberculata, Gordon.

PSEUDOTSUGA (8314)
9979 Douglasii, Carr.
9980 var. macrocarpa, Engelm.

SEQUOIA 8318
9981 gigantea, Decsne.
9982 sempervirens, Endl.

TAXODIUM 8321
9983 distichum, Richard.

TAXUS 8340
9984 brevifolia, Nutt.
9985 Canadensis, Willd.
9986 Floridana, Nutt.

THUYA 8328
9987 gigantea, Nutt.
9988 occidentalis, L.

TORREYA 8339
9989 Californica, Torr.
9990 taxifolia, Arn.

TSUGA 8314
9991 Canadensis, Carr.
9992 Caroliniana, Engelm.
9993 Mertensiana, Carr.
9994 Pattoniana, Engelm.

## CYCADACEÆ.

ZAMIA 8348
9995 integrifolia, Jacq.
9996 pumila, L.

## HYDROCHARIDACEÆ.

ELODEA 6720
9997 Canadensis, Michx.

HALOPHILA 6732
9998 Engelmannii, Asch.

LIMNOBIUM 6726
9999 Spongia, Richard.

VALLISNERIA 6722
10000 spiralis, L.

## BURMANNIACEÆ.

APTERIA 6737
10001 setacea, Nutt.

BURMANNIA 6733
10002 biflora, L.
10003 capitata, Chapm.

## ORCHIDACEÆ.

**APLECTRUM** 6760
10004 hiemale, Nutt.

**ARETHUSA** 7041
10005 bulbosa, L.

**BLETIA** 6787
10006 verecunda, Swartz.

**CALOPOGON** 7042
10007 multiflorus, Lindl.
10008 pallidus, Chapm.
10009 parviflorus, Lindl.
10010 pulchellus, R. Br.

**CALYPSO** 6759
10011 borealis, Salisb.

**CEPHALANTHERA** 7053
10012 Oregana, Reichenb. f.

**CORALLORH ZA** 6761
10013 Bigelovii, Watson.
10014 innata, R. Br.
10015 Mertensiana Bong.
10016 micrantha, Chapm.
10017 multiflora, Nutt.
10018 odontorhiza, Nutt.
10019 striata, L ndl.

**CYPRIPEDIUM** 7088
10020 acaule, Ait.
10021 arietinum, R. Br.
10022 Californicum, Gray.
10023 candidum, Muhl.
10024 fasciculatum, Kellogg.
10025 guttatum Swartz.
10026 montanum, Dougl.
10027 parviflorum, Salisb.
10028 passerinum, Rich.
10029 pubescens, Willd.
10030 spectabile, Swartz.

**CYRTOPOD UM** 6847
10031 punctatum, Lindl.

**DENDROPHYLAX** 6962
10032 Lindenii, Benth.

**EPIDENDRUM** 6823
10033 bidentatum, L.
10034 cochleatum, L.
10035 conopseum, Ait.
10036 difforme, Jacq.
10037 nocturnum, L.
10038 rigidum, Swartz.
10039 Tampense, L.
10040 venosum, Lindl.?

**EPIPACTIS** 7054
10041 gigantea, Dougl.
10042 Helleborine, Crantz.

**GOODYERA** 7008
10043 Menziesii, Lindl.
10044 pubescens, R. Br.
10045 repens, R. Br.

**HABENARIA** 7066
10046 albida, R. Br.
10047 blephariglottis, Torr.
10048 var. holopetala, Torr.
10049 borealis, Cham.
10050 bracteata, R. Br.
10051 brevifolia, Greene.
10052 ciliaris, R. Br.
10053 Cooperi, Watson.
10054 cristata, R. Br.
10055 dilatata, Gray.
10056 distans, Griseb.
10057 elegans, Bolander.
10058 fimbriata, R. Br.
10059 flagellaris, Watson.
10060 gracilis, Watson.
10061 Hookeri, Torr.
10062 var. oblongifolia, Paine.
10063 hyperborea, R. Br.
10064 integra, Spreng.
10065 lacera, R. Br.
10066 leucophæa, Gray.
10067 leucostachys, Watson.
10068 Michaux i, Nutt.
10069 nivea, Spreng.
10070 obtusata, Richards.
10071 odontopetala, Reichenb. f.
10072 orbiculata, Torr.
10073 pedicellata, Watson.
10074 peramœna, Gray.
10075 psycodes, Gray.
10076 repens, Nutt.
10077 sparsiflora, Watson.
10078 Thurberi, Gray.
10079 tridentata, Hook.
10080 Unalaschensis, Watson.
10081 virescens, Spreng.

**HEXALECTRIS** 6764
10082 aphyllus, Raf.

**LIPARIS** 6756
10083 liliifolia, Richard.
10084 Lœselii, Richard.

**LISTERA** 6991
10085 australis, Lindl.
10086 convallarioides, Nutt.
10087 cordata, R. Br.

MICROSTYLIS 6764
10088 corymbosa, Watson.
10089 Floridana, Chapm.
S 10090 monophyllos, Lindl.
10091 montana Rothrock.
S 10092 ophioglossoides, Nutt.
10093 porphyrea, Ridley.
ORCHIS 7055
S 10094 rotundifolia, Pursh.
CS 10095 spectabilis, L.
PHYSURUS 6995
10096 querceticola, Lindl.
POGONIA 7043
10097 affinis, Austin.
S 10098 divaricata, R. Br.
CS 10099 ophioglossoides, Nutt.
S 10100 pendula, Lindl.
CS 10101 verticillata, Nutt.
POLYSTACHYA 6845
10102 luteola, Hook.
PONTHIEVA 6985
10103 glandulosa, R. Br.
SPIRANTHES 6992
S 10104 brevifolia, Chapm.
10105 brevilabris, Lindl.
CS 10106 cernua, Richard.
10107 cinnabarina, Benth.
CS 10108 gracilis, Bigel.
S 10109 latifolia, Torr.
10110 Madrensis, Benth. & Hook.
10111 odorata, Nutt.
10112 ovalis, Lindl.
10113 porrifolia, Lindl.
10114 præcox, Watson.
S 10115 Romanzoffiana, Cham.
10116 simplex, Gray.
TIPULARIA 6762
S 10117 discolor, Nutt.
VANILLA 6974
10118 planifolia, Andr.

## SCITAMINEÆ.

CANNA 7149
S 10119 flaccida, Roscoe.
THALIA 7141
S 10120 dealbata, Roscoe.
10121 divaricata, Chapm.

## BROMELIACEÆ.

CATOPSIS 7191
10122 nitida, Baker.
HECHTIA 7188
10123 Texensis, Watson.
TILLANDSIA 7192
10124 Balbisiana, Swartz.
10125 bulbosa, Hook.
10126 cæspitosa, LeConte.
10127 fasciculata, Swartz.
10128 flexuosa, Swartz.
10129 Houzeavi, Morren.
S 10130 recurvata, Pursh.
10131 setacea, Swartz.
S 10132 usneoides, L.
10133 utriculata, LeConte.
10134 Valenzuelana, A. Rich.
10135 Wilsoni, Watson.

## HÆMODORACEÆ.

ALETRIS 7209
S 10136 aurea, Walt.
S 10137 farinosa, L.
LACHNANTHES 7198
S 10138 tinctoria, Ell.
LOPHIOLA 7208
10139 aurea, Ker.
ODONTOSTOMUM 7216
10140 Hartwegi, Torr.

## IRIDACEÆ.

ALOPHIA 7228
10141 cærulea, Benth. & Hook.
10142 Drummondiana, Herb.
BELAMCANDA 7244
S 10143 *Chinensis, Adans.*
GELAS NE 7240
10144 Texana, Herb.
IRIS 7220
10145 bracteata, Watson.
10146 Caroliniana, Watson.
S 10147 cristata, Ait.
10148 Douglasiana, Herb.
S 10149 fulva, Ker.
10150 Hartwegi, Baker.
10151 hexagona, Walt.
10152 Hookeri, Penny.
S 10153 lacustris, Nutt.
10154 longipetala, Herb.
10155 macrosiphon, Torr.
S 10156 Missouriensis, Nutt.
S 10157 prismatica, Pursh.
S 10158 *Pseudacorus, L.*
10159 setosa, Pall.
10160 tenax, Dougl.
10161 tenuis, Watson.
10162 tripetala, Walt.

10163 verna, L.
10164 versicolor, L.

NEMASTYLIS 7241
10165 acuta, Herb.
10166 cœlestina, Nutt.
10167 geminiflora, Nutt.
10168 purpurea, Herb.

SISYRINCHIUM 7248
10169 anceps, Cav.
10170 angustifolium, Mill.
10171 Arizonicum, Rothrock.
10172 bellum, Watson.
10173 Californicum Ait. f.
10174 demissum, Greene.
10175 Elmeri, Greene.
10176 geniculatum, Herb.
10177 grandiflorum, Dougl.
10178 mucronatum, Michx.

TIGRIDIA 7226
10179 buccifera, Watson.

## AMARYLLIDACEÆ.

AGAVE 7337
10180 deserti, Engelm.
10181 heteracantha, Zucc.
10182 Huachucensis, Baker.
10183 maculata, Regel.
10184 Newberryi, Engelm.
10185 Palmeri, Engelm.
10186 Parryi, Engelm.
10187 parviflora, Torr.
10188 Schottii, Engelm.
10189 Shawii, Engelm.
10190 Utahensis, Engelm.
10191 V rginica, L.

COOPERIA 7293
10192 Drummondii, Herb.
10193 pedunculata, Herb.

CRINUM 7301
10194 Americanum, L.

HYMENOCALLIS 7324
10195 Caribæa, Herb.
10196 Caymanensis, Herb.
10197 coronaria, Kunth.
10198 crassifolia, Herb.
10199 Galvestonensis, Baker.
10200 glauca, Baker.
10201 humilis, Watson.
10202 lacera, Salisb.
10203 var. paludosa, Salisb.
10204 nutans, Benth. & Hook.
10205 occidentalis, Kunth.
*10206 Palmeri,* Watson.

HYPOXIS 7278
10207 decumbens, L.
10208 erecta, L.
10209 juncea, Smith.

ZEPHYRANTHES 7288
10210 Atamasco, Herb.
10211 longifolia, Hemsl.
10212 Texana, Herb.
10213 Treatiæ, Watson.

## DIOSCOREACEÆ.

DIOSCOREA 7345
10214 villosa, L.

## ROXBURGHIACEÆ.

CROOMIA 7354
10215 pauciflora, Torr.

## LILIACEÆ.

ALLIUM 7476
10216 acuminatum, Hook.
10217 anceps, Kellogg.
10218 atrorubens, Watson.
10219 attenuifolium, Kellogg.
10220 Bidwelliæ, Watson.
10221 Bigelovii, Watson.
10222 bisceptrum, Watson.
10223 Bolanderi, Watson.
10224 Brandegei, Watson.
10225 brevistylum, Watson.
10226 Breweri, Watson.
10227 campanulatum, Watson.
10228 Canadense, Kalm.
10229 cernuum, Roth.
10230 collinum, Dougl.
10231 crispum, Greene.
10232 cristatum, Watson.
10233 Cusickii, Watson.
10234 dichlamydeum, Greene.
10235 Douglasii, Hook.
10236 falcifol um, Hook. & Arn.
10237 fimbriatum, Watson.
10238 Geyeri, Watson.
10239 hæmatochiton, Watson.
10240 hyalinum, Curran.
10241 lacunosum, Watson.
10242 Lemmoni, Watson.
10243 macrum, Watson.
10244 madidum, Watson.
10245 mutabile, Michx.
10246 Nevadense, Watson.
10247 Nevii, Watson.
10248 Nuttallii, Watson.

10249 obtusum, Lemmon.
10250 Palmeri, Watson.
10251 Parishii, Watson.
10252 Parryi, Watson.
10253 parvum, Kellogg.
10254 platycaule, Watson.
10255 pleianthum, Watson.
10256 Plummeræ, Watson.
10257 reticulatum, Fras.
10258 Sanbornii, Wood.
10259 scaposum, Benth.
10260 Schœnoprasum, L.
10261 scil oides, Dougl.
10262 serratum, Watson.
10263 stellatum, Fras.
10264 stenanthum, Drew.
10265 Tolmiei, Baker.
10266 tribracteatum, Torr.
10267 tricoccum, Ait.
10268 unifolium, Kellogg.
10269 var. lacteum, Greene.
10270 validum, Watson.
10271 *vineale*, *L.*

**AMIANTHIUM** 7559

10272 muscætoxicum, Gray.

**ANDROSTEPHIUM** 7471

10273 breviflorum, Watson.
10274 violaceum, Torr.

**ANTHERICUM** 7431

10275 Torreyi, Baker.

**ASPARAGUS** 7362

10276 *officinalis*, *L.*

**BREVOORTIA** 7466

10277 coccinea, Watson.

**BLOOMERIA** 7473

10278 aurea, Kellogg.
10279 Clevelandi, Watson.
10280 montana, Greene.

**BRODIÆA** 7470

10281 Bridgesii, Watson.
10282 candida, (Greene)
10283 capitata, Benth.
10284 congesta, Smith.
10285 crocea, Watson.
10286 Douglasii, Watson.
10287 filifolia, Watson.
10288 gracilis, Watson.
10289 grandiflora, Smith.
10290 var. (?) major, Benth.
10291 Howellii, Watson.
10292 Hendersoni, Watson.
10293 insularis, Greene.
10294 ixioides, Watson.
10295 lactea, Watson.
10296 var. lilacina, Watson.
10297 laxa, Watson.
10298 Lemmonæ, Watson.
10299 leptantha, (Greene)
10300 lugens, (Greene)
10301 minor Watson.
10302 multiflora, Benth.
10303 Orcuttii, (Greene)
10304 peduncularis, Watson.
10305 pulchella, Greene.
10306 rosea, (Greene)
10307 stellaris, Watson.
10308 terrestris, Kellogg.

**CALOCHORTUS** 7515

10309 albus, Dougl.
10310 var. paniculatus, Baker.
10311 amœnus, Greene.
10312 apiculatus, Baker.
10313 aureus, Watson.
10314 Benthami, Baker.
10315 cæruleus, Watson.
10316 Catalinæ, Watson.
10317 clavatus, Watson.
10318 elegans, Pursh.
10319 var. nanus, Wood.
10320 excavatus, Greene.
10321 flexuosus, Watson.
10322 Greenei, Watson.
10323 Gunnisoni Watson.
10324 Howellii, Watson.
10325 invenustus, Greene.
10326 Kennedyi, Porter.
10327 lilacinus, Kellogg.
10328 longebarbatus, Watson.
10329 luteus, Dougl.
10330 var. citrinus, Watson.
10331 var. oculatus, Watson.
10332 Lyoni, Watson.
10333 macrocarpus, Dougl.
10334 Maweanus, Leicht.
10335 nitidus, Dougl.
10336 nudus, Watson.
10337 Nuttallii, T. & G.
10338 Obispoensis, Lemmon.
10339 Palmeri, Watson.
10340 Plummeræ, Greene.
10341 pulchellus, Dougl.
10342 splendens, Dougl.
10343 Tolmiei, Hook. & Arn.

10344 uniflorus, Hook. & Arn.
S 10345 venustus, Benth.
10346 var. purpurascens, Watson.
10347 Weedii, Wood.
10348 var. purpurascens, Watson.

**CAMASSIA** 7506

10349 Cusickii, Watson.
S 10350 esculenta, Lindl.
S 10351 Fraseri, Torr.
10352 var. angusta, Torr.
10353 Howellii, Watson.
10354 Leichtlinii, Watson.

**CHAMÆLIRIUM** 7531

10355 Carolinianum, Willd.

**CHLOROGALUM** 7422

10356 angustifolium, Kellogg.
10357 parviflorum, Watson.
10358 pomeridianum, Kunth.

**CLINTONIA** 7550

S 10359 Andrewsiana, Torr.
C S 10360 borealis, Raf.
10361 umbellata, Torr.
S 10362 uniflora, Kunth.

**CONVALLARIA** 7378

10363 majalis, L.

**DASYLIRION** 7411

10364 Texanum, Scheele.
L 10365 Wheeleri, Watson.

**DISPORUM** 7549

S 10366 Hookeri, Benth. & Hook.
10367 var. oblongifolium, B. & H.
S 10368 lanuginosum, Bth. & Hook.
10369 maculatum, Benth. & Hook.
10370 Menziesii, Benth. & Hook.
10371 Oreganum, Benth. & Hook.
10372 parvifolium, Benth. & Hook.
10373 trachyandrum, Bth. & Hook.
S 10374 trachycarpum, Bth. & Hook.

**ERYTHRONIUM** 7512

C S 10375 albidum, Nutt.
C S 10376 Americanum, Ker.
10377 citrinum, Watson.
10378 giganteum, Lindl.
S 10379 grandiflorum, Pursh.
10380 var. parviflorum, Watson.
10381 Hartwegi, Watson.
10382 Hendersoni, Watson.
10383 Howellii, Watson.
10384 mesochoreum, Knerr.
S 10385 montanum, Watson.
S 10386 propullans, Gray.
10387 purpurascens, Watson.
10388 revolutum, Smith.
10389 var. Bolanderi, Watson.

**FRITILLARIA** 7510

S 10390 atropurpurea, Nutt.
10391 biflora, Lindl.
10392 Kamtschatcensis, Ker.
S 10393 lanceolata, Pursh.
S 10394 var. floribunda, Benth.
10395 var. gracilis, Watson.
S 10396 liliacea, Lindl.
10397 parviflora, Torr.
S 10398 pudica, Spreng.
S 10399 recurva, Benth.

**HELONIAS** 7537

10400 bullata, L.

**HASTINGSIA** 7426

10401 alba, Watson.
10402 bracteosa, Watson.

**HEMEROCALLIS** 7386

C S 10403 *fulva*, *L.*

**HESPERALOE** 7406

10404 (?) Engelmanni, Krausk.
10405 yuccæfolia, Engelm.

**HESPEROCALLIS** 7405

10406 undulata, Gray.

**LEUCOCRINUM** 7448

S 10407 montanum, Nutt.

**LILIUM** 7509

10408 Bolanderi, Watson.
C S 10409 Canadense, L.
10410 Carolinianum, Michx.
S 10411 Catesbæi, Walt.
S 10412 Columbianum, Hanson.
10413 Grayi, Watson.
10414 Humboldtii, Roezl & Leicht.
10415 maritimum, Kellogg.
10416 pardalinum, Kellogg.
10417 var. angustifolium, Kell.
10418 Parryi, Watson.
L 10419 parvum, Kellogg.
C S 10420 Philadelphicum, L.
10421 rubescens, Watson.
C S 10422 superbum, L.
10423 *tigrinum*, *L.*
10424 Washingtonianum, Kellogg.

**LLOYDIA** 7514

10425 serotina, Reich.

**MAIANTHEMUM** 7377

S 10426 bifolium, DC., var. (?) dilatatum, Wood.
C S 10427 Canadense, Desf.

**MEDEOLA** 7552
10428 Virginiana, L.
**MELANTHIUM** 7556
10429 latifolium, Desrouss.
10430 parviflorum, Watson.
10431 Virginicum, L.
**MILLA** 7466
10432 biflora, Cav.
**MUILLA** 7474
10433 coronata, Greene.
10434 maritima, Watson.
10435 transmontana, Greene.
**MUSCARI** 7499
10436 *botryoides, Mill.*
10437 *racemosum, Mill.*
**NARTHECIUM** 7529
10438 Americanum, Ker.
10439 Californicum, Baker.
**NOLINA** 7410
10440 Bigelovii, Watson.
10441 erumpens, Watson.
10442 Georgiana, Michx.
10443 Greenei, Watson.
10444 Lindheimeriana, Watson.
10445 microcarpa, Watson.
10446 Parryi, Watson.
10447 Texana, Watson.
**NOTHOSCORDUM** 7475
10448 striatum, Kunth.
**OAKESIA** (7543)
10449 puberula, Watson.
10450 sessilifolia, Watson.
**ORNITHOGALUM** 7507
10451 *nutans, L.*
10452 *umbellatum, L.*
**PLEEA** 7540
10453 tenuifolia, Michx.
**POLYGONATUM** 7371
10454 biflorum, Ell.
10455 giganteum, Dietr.
**SCHŒNOCAULON** 7560
10456 Drummondii, Gray.
10457 gracile, Gray.
**SCHŒNOLIRION** 7424
10458 croceum, Gray.
10459 Elliottii, Feay.
10460 Texanum, Gray.
**SCOLIOPUS** 7551
10461 Bigelovii, Torr.
10462 Hallii, Watson.
**SMILACINA** 7375
10463 amplexicaulis, Nutt.
10464 liliacea, (Greene)
10465 racemosa Desf.
10466 sessilifolia, Nutt.
10467 stellata, Desf.
10468 trifolia, Desf.
**SMILAX** 7357
10469 auriculata, Walt.
10470 Beyrichii, Kunth.
10471 Bona-nox, L.
10472 subsp. hederæfolia, A. DC.
10473 subsp. pandurata, A. DC.
10474 subsp. polyodonta, A. DC.
10475 subsp. Wrightii, A. DC.
10476 Californica, Gray.
10477 ecirrhata, Watson.
10478 glauca, Walt.
10479 Havanensis, Jacq.
10480 herbacea, L.
10481 var. lasioneuron, A. DC.
10482 var. longifolia, A. DC.
10483 var peduncularis, A. DC.
10484 var. pulverulenta, Gray.
10485 var. Simsii, A. DC.
10486 hispida, Muhl.
10487 lanceolata, L.
10488 laurifolia, L.
10489 var. bupleurifolia, Del.
10490 ovata, Pursh.
10491 var. Buckleyi, A. DC.
10492 Pseudo-China, L.
10493 pumila, Walt.
10494 rotundifolia, L.
10495 var. quadrangularis, Gray.
10496 tamnifolia, Michx.
10497 Walteri, Pursh.
**STENANTHIUM** 7557
10498 angustifolium, Gray.
10499 occidentale, Gray.
10500 robustum, Watson.
**STREPTOPUS** 7373
10501 amplexifolius, DC.
10502 brevipes, Baker.
10503 roseus, Michx.
**STROPHOLIRION** 7467
10504 Californicum, Torr.
**TOFIELDIA** 7538
10505 coccinea, Richards.
10506 var. major, Hook.
10507 glabra, Nutt.
10508 glutinosa, Willd.
10509 occidentalis, Watson.
10510 palustris, Hudson.

10511 pubescens, Pers.

TRILLIUM 7553

10512 cernuum, L.
10513 erectum, L.
10514 erythrocarpum, Michx.
10515 grandiflorum, Salisb.
10516 nivale, Riddell.
10517 ovatum, Pursh.
10518 petiolatum, Pursh.
10519 pusillum, Michx.
10520 recurvatum, Beck.
10521 var. (?) lanceolatum, Wats.
10522 rivale, Watson.
10523 sessile, L.
10524 var. angustipetalum, Torr.
10525 var. Californicum, Watson.
10526 var. Nuttallii, Watson.
10527 var. Wrayi, Watson.
10528 stylosum, Nutt.

UVULARIA 7543

10529 grandiflora, Smith.
10530 perfoliata, L.

VERATRUM 7556

10531 Californicum, Durand.
10532 fimbriatum, Gray.
10533 intermed um, Chapm.
10534 viride, Ait.
10535 Woodii, Robbins.

XEROPHYLLUM 7533

10536 Douglasi , Watson.
10537 setifolium, Michx.
10538 tenax, Nutt.

YUCCA 7407

10539 aloifolia, L.
10540 angustifolia, Pursh.
10541 var. mollis, Engelm.
10542 baccata, Torr.
10543 brevifolia, Engelm.
10544 canaliculata, Hook.
10545 elata, Engelm.
10546 filamentosa, L.
10547 var. (?) bracteata, Engelm.
10548 var. flaccida, Engelm.
10549 var. (?) lævigata, Engelm.
10550 gloriosa, L.
10551 macrocarpa, Engelm.
10552 rupicola, Scheele.
10553 var. rigida, Engelm.
10554 Schottii, Engelm.
10555 Whipplei, Torr.

ZYGADENUS 7558

10556 angustifolius, Watson.
10557 elegans, Pursh.
10558 Fremonti, Torr.
10559 glaberrimus, Michx.
10560 leimanthoides, Gray.
10561 Nuttallii, Gray.
10562 paniculatus, Watson.
10563 porrifolius, Greene.
10564 venenosus, Watson.

## PONTEDERIACEÆ.

HETERANTHERA 7563

10565 graminea, Vahl.
10566 limosa, Vahl.
10567 Mexicana, Watson.
10568 reniformis, Ruiz & Pav.

PONTEDERIA 7561

10569 cordata, L.
10570 var. angustifolia, Torr.

## XYRIDACEÆ.

XYRIS 7568

10571 ambigua, Beyr.
10572 Baldwiniana, R. & S.
10573 brevifolia, Michx.
10574 Caroliniana, Walt.
10575 difformis, Chapm.
10576 elata, Chapm
10577 Elliottii, Chapm.
10578 fimbriata, Ell.
10579 flabelliformis, Chapm.
10580 flexuosa, Muhl.
10581 var. pusilla, Gray.
10582 iridifolia, Chapm.
10583 platylepis, Chapm.
10584 serotina, Chapm.
10585 setacea, Chapm.
10586 stricta, Chapm.
10587 tenuifolia Chapm.
10588 torta, Smith.

## MAYACEÆ.

MAYACA 7570

10589 Michauxii, Schott & Endl.

## COMMELINACEÆ.

COMMELINA 7574

10590 dianthifolia, DC.
10591 erecta, L.
10592 hirtella, Vahl.
10593 nudiflora, L.
10594 Virginica, L.

TINANTIA 7587

10595 anomala, Clarke.

TRADESCANTIA 7588

10596 Floridana, Watson.
10597 leiandra, Torr.
10598 micrantha, Torr.
10599 rosea, Vent.
10600 tuberosa, Greene.
10601 Virginica, L.
10602 var flexuosa, Watson.
10603 var. villosa, Watson.

## JUNCACEÆ.

JUNCUS 7610

10604 acuminatus, Michx.
10605 var. debilis, Engelm.
10606 var. diffusissimus, Engelm.
10607 var. robustus, Engelm.
10608 alpinus, Vill., v. insignis, Fr.
10609 arcticus, Willd.
10610 var. Sitchensis, Engelm.
10611 articulatus, L.
10612 var. obtusatus, Engelm.
10613 asper, Engelm.
10614 Balticus, Dethard, var. littoralis, Engelm.
10615 var. montanus, Engelm.
10616 biglumis, L.
10617 Bolanderi, Engelm.
10618 brachycarpus, Engelm.
10619 brachycephalus, Buch.
10620 Breweri, Engelm.
10621 bufonius, L.
10622 var. fasciculatus, Koch.
10623 Canadensis, J. Gay.
10624 var. coarctatus, Engelm.
10625 var. longecaudatus, Eng.
10626 var. subcaudatus, Engelm.
10627 canaliculatus, Engelm.
10628 castaneus, Smith.
10629 chorocephalus, Engelm.
10630 compressus, HBK.
10631 Congdoni, Watson.
10632 Cooperi, Engelm.
10633 crassifolius, Buch.
10634 dichotomus, Ell.
10635 Drummondi, Mey.
10636 var. humilis, Engelm.
10637 dubius, Engelm.
10638 effusus, L.
10639 var. brunneus, Engelm.
10640 var. conglomeratus, Eng.
10641 Elliottii, Chapm.
10642 Engelmanni, Buch.
10643 ensifolius, Wikstr.
10644 falcatus, E. Mey.
10645 var. paniculatus, Engelm.
10646 filiformis, L.
10647 Gerardi, Lois.
10648 Greenei, Oakes & Tuckerm.
10649 Hallii, Engelm.
10650 Kelloggii, Engelm.
10651 latifolius, Buch.
10652 leptocaulis, T. & G.
10653 Lescurii, Bolander.
10654 var. elatius, Watson.
10655 longistylis, Torr.
10656 marginatus, Rostk.
10657 var. biflorus, Engelm.
10658 var. paucicapitatus, Eng.
10659 maritimus, L.
10660 Mertensianus, Bong.
10661 var. paniculatus, Engelm.
10662 militaris, Bigel.
10663 Nevadensis, Watson.
10664 nodosus, L.
10665 var. megacephalus, Torr.
10666 var. Texanus, Engelm.
10667 obtusatus, Engelm.
10668 Oreganus, Watson.
10669 oxymeris, Engelm.
10670 Parryi, Engelm.
10671 patens, E. Mey.
10672 paucicapitatus, Buch.
10673 pelocarpus, E. Mey.
10674 var. crassicaudex, Engelm.
10675 var. (?) subtilis, Engelm.
10676 phæocephalus, Engelm., var. glomeratus, Engelm.
10677 var. gracilis, Engelm.
10678 var. paniculatus, Engelm.
10679 procerus, E. Mey.
10680 Regelii, Buch.
10681 repens, Michx.
10682 robustus, Watson.
10683 Roemerianus, Scheele.
10684 rugulosus, Engelm.
10685 Scheuchzeri, Hoppe.
10686 scirpoides, Lam.
10687 var. echinatus, Engelm.
10688 var. macrostemon, Engelm.
10689 setaceus, Rostk.
10690 Smithii, Engelm.

10691 stygius, L.
10692 supiniformis, Engelm.
10693 tenuis, Willd.
10694 var. congestus, Engelm.
10695 var. secundus, Engelm.
10696 trifidus, L.
10697 triformis, Eng., var. brachystylus, Engelm.
10698 var. stylosus, Engelm.
10699 var. uniflorus, Engelm.
10700 triglumis, L.
10701 trigonocarpus, Steud.
10702 Vaseyi, Engelm.
10703 xiphioides, E. Mey., var. auratus, Engelm.
10704 var. littoralis, Engelm.
10705 var. macranthus, Engelm.
10706 var. montanus, Engelm.

LUZULA 7611
10707 arcuata, Mey.
10708 campestris, DC.
10709 Carolinæ, Watson.
10710 comosa, Mey.
10711 var. congesta, Watson.
10712 var. macrantha, Watson.
10713 var. subsessilis, Watson.
10714 confusa, Lindb.
10715 divaricata, Watson.
10716 spadicea, DC.
10717 var. melanocarpa, Mey.
10718 var. parviflora, Mey.
10719 var. subcongesta, Mey.
10720 spicata, Desv.
10721 vernalis, DC.

## PALMÆ.

COCOS 7736
10722 *nucifera*, L.

OREODOXA 7649
10723 regia, HBK.

PSEUDOPHŒNIX 7672
10724 Sargenti, Wendl.

RHAPIDOPHYLLUM 7696
10725 Hystrix, Wendl. & Drude.

SABAL 7692
10726 Adansonii, Guerns.
10727 var. (?) megacarpa, Chapm.
10728 Mexicana, Mart.
10729 Palmetto, Roem. & Schult.

SERENOA 7701
10730 serrulata, Benth. & Hook.

THRINAX 7707
*10731* argentea, Loddiges.
10732 Garberi, Chapm.
10733 parviflora, Swartz.

WASHINGTONIA (7705)
10734 filifera, Wendl. ?
10735 robusta, Wendl.

## TYPHACEÆ.

SPARGANIUM 7752
10736 eurycarpum, Engelm.
10737 Greenei, Morong.
10738 hyperboreum, Laest.
10739 minimum, Fries.
10740 simplex, Hudson.
10741 var. androcladum, Engelm.
10742 var. angustifolium, Eng.
10743 var. fluitans, Engelm.

TYPHA 7751
10744 angustifolia, L.
10745 Domingensis, Pers.
10746 latifolia, L.

## ARACEÆ.

ACORUS 7762
10747 Calamus, L.

ARISÆMA 7843
10748 Dracontium, Schott.
10749 polymorphum, Chapm.
10750 triphyllum, Torr.

CALLA 7776
10751 palustris, L.

LYSICHITON 7775
10752 Kamtschatcense, Schott.

ORONTIUM 7777
10753 aquaticum, L.

PELTANDRA 7814
10754 alba, Raf.
10755 undulata, Raf.

PISTIA 7657
10756 stratiotes, L., var. spathulata, Engler.

SYMPLOCARPUS 7776
10757 fœtidus, Salisb.

XANTHOSOMA 7825
10758 sagittifolium, Schott.

## LEMNACEÆ.

LEMNA 7858
10759 gibba, L.
10760 minor, L.
10761 var. obscura, Austin.
10762 var orbiculata, Austin.
10763 paucicostata, Hegelm.
10764 perpusilla, Torr.
10765 var. trinervis, Austin.
10766 trisulca, L.

10767 Valdiviana, Philippi.
SPIRODELA (7868)
10768 polyrrhiza, Schleid.
WOLFFIA 7869
10769 Brasiliensis, Weddell.
10770 Columbiana, Karsten.
10771 gladiata, Hegelm., var. Floridana, J. Donnell Smith.

## ALISMACEÆ.

ALISMA 7862
10772 Plantago, L.
DAMASONIUM 7870
10773 Californicum, Torr.
ECHINODORUS 7867
10774 parvulus, Engelm.
10775 radicans, Engelm.
10776 rostratus, Engelm.
10777 var. lanceolatus, Engelm.
SAGITTARIA 7865
10778 calycina, Engelm., var. fluitans, Engelm.
10779 var. maxima, Engelm.
10780 var. media, Engelm.
10781 var. spongiosa, Engelm.
10782 Chinensis, Sims.
10783 graminea, Michx.
10784 heterophylla, Pursh, var. angustifolia, Engelm.
10785 var. elliptica, Engelm.
10786 var. fluitans, Engelm.
10787 var. rigida, Engelm.
10788 lancifolia, L.
10789 natans, Michx.
10790 var. (?) gracillima, Watson.
10791 var. lorata, Chapm.
10792 pusilla, Nutt.
10793 recurva, Engelm.
10794 Sanfordii, Greene.
10795 teres, Watson.
10796 variabilis, Engelm.
10797 var. angustifolia, Engelm.
10798 var. diversifolia, Engelm.
10799 var. (?) gracilis, Engelm.
10800 var. latifolia, Engelm.
10801 var. obtusa, Engelm.
10802 var. pubescens, Engelm.

## NAIADACEÆ.

LILÆA 7876
10803 subulata, HBK.
NAIAS 7869
10804 flexilis, Rostk. & Schmidt.
10805 var. robusta, Morong.
10806 Indica, Cham., var. gracillima, A. Br.
10807 marina, L.
10808 var. gracilis, Morong.
10809 var. recurvata, Dudley.
10810 microdon, A. Br.
PHYLLOSPADIX 7868
10811 Scouleri, Hook.
10812 Torreyi, Watson.
POTAMOGETON 7880
10813 amplifolius, Tuckerm.
10814 crispus, L.
10815 Curtissii, Morong.
10816 fluitans, Roth.
10817 gemmiparus, Robbins.
10818 heterophyllus, Schreb.
10819 var. graminifolius, Watson & Coulter.
10820 var. (?) myriophyllus, Robbins.
10821 Hillii, Morong.
10822 hybridus, Michx.
10823 Illinoensis, Morong.
10824 lateralis, Morong.
10825 lucens, L.
10826 var. (?) Connecticutensis, Robbins.
10827 marinus, L.
10828 var. (?) occidentalis, Rob'ns.
10829 mucronatus, Schrad.
10830 Mysticus, Morong.
10831 natans, L.
10832 var. prolixus, Koch.
10833 Oakesianus, Robbins.
10834 obtusifolius, M. & K.
10835 pauciflorus, Pursh.
10836 var. Californicus, Morong.
10837 var. Niagarensis, Gray.
10838 pectinatus, L.
10839 var. (?) latifolius, Robbins.
10840 Pennsylvanicus, Cham.
10841 perfoliatus, L.
10842 var. lanceolatus, Robbins.
10843 prælongus, Wulf.
10844 pulcher, Tuckerm.
10845 pusillus, L.
10846 var. polyphyllus, Morong.
10847 Robbinsii, Oakes.
10848 rufescens, Schrad.
10849 Spirillus, Tuckerm.
10850 Tuckermani, Robbins.
10851 Vaseyi, Robbins.

10852 Zizii, Mart & Koch.
10853 zosteræfolius, Schum.

**RUPPIA** 7881

10854 maritima, L.
10855 occidentalis, Watson.

**SCHEUCHZERIA** 7878

10856 palustris, L.

**TRIGLOCHIN** 7875

10857 maritima, L.
10858 palustris, L.
10859 striata, Ruiz & Pav.

**ZANNICHELLIA** 7884

10860 palustris, L.
10861 var. muricata, Morong.
10862 var. pedunculata, Gray.

**ZOSTERA** 7887

10863 marina, L.
10864 Oregana, Watson.
10865 Pacifica, Watson.

## ERIOCAULEÆ.

**ERIOCAULON** 7891

10866 decangulare, L.
10867 gnaphalodes, Michx.
10868 Ravenelii Chapm.
10869 septangulare, With.
10870 Texense, Koern.

**LACHNOCAULON** 7895

10871 glabrum, Koern.
10872 Michauxii, Kunth.

**PÆPALANTHUS** 7903

10873 flavidulus, Kunth.

## CYPERACEÆ.

**CAREX** 7908

10874 ablata, Bailey.
10875 acutata, Boott.
10876 *acutiformis*, *Ehrh.*
10877 acutina, Bailey.
10878 var. tenuior, Bailey.
10879 adusta, Boott.
10880 æstivalis, M. A. Curtis.
10881 albida, Bailey.
10882 alma, Bailey.
10883 alopecoidea, Tuckerm.
10884 var. sparsispicata, Dew.
10885 alpina, Swartz.
10886 ambusta, Boott.
10887 amplifolia, Boott.
10888 aperta, Boott.
10889 aquatilis, Wahl.
10890 var. epigeios, Laest.
10891 arctata, Boott.
10892 var. Faxoni, Bailey.
10893 *arenaria*, *L.*
10894 Assiniboinensis, W. Boott.
10895 athrostachya, Olney.
10896 atrata, L.
10897 var. ovata, Boott.
10898 aurea, Nutt.
10899 var. celsa, Bailey.
10900 auriculata, Bailey.
10901 Backii, Boott.
10902 Baltzell i, Chapm.
10903 Barbaræ, Dew.
10904 bella, Bailey.
10905 bicolor All.
10906 bifida, Boott.
10907 Breweri, Boott.
10908 bromoides, Schk.
10909 bullata, Schk.
10910 Californica, Bailey.
10911 canescens, L.
10912 var. alpicola, Wahl.
10913 var. brunnea, Macoun.
10914 var. dubia, Bailey.
10915 var. Oregana, Bailey.
10916 var. polystachya, Boott.
10917 var. robustina, Macoun.
10918 var. vulgaris, Bailey.
10919 capillaris, L.
10920 capitata, L.
10921 Careyana, Torr.
10922 Caroliniana, Buckl.
10923 castanea, Wahl.
10924 cephaloidea, Boott.
10925 cephalophora, Muhl.
10926 var angustifolia, Boott.
10927 Chapmani Sartw.
10928 Cherokeensis, Schw.
10929 chordorhiza, Ehrh.
10930 cinnamomea, Olney.
10931 circinata, Mey
10932 communis, Bailey.
10933 var. Wheeleri Bailey.
10934 compacta, R. Br.
10935 concinna, R. Br.
10936 conjuncta, Boott.
10937 conoidea, Schk.
10938 Crawei, Dew.
10939 crinita, Lam.
10940 var. minor, Boott.
10941 crus-corvi, Shuttlw.

10942 cryptocarpa, Mey.
10943 var. pumila, Bailey.
S10944 dasycarpa, Muhl.
S10945 Davisii, Schw. & Torr.
10946 debilis, Michx.
S10947 var. pubera, Gray.
CS10948 var. Rudgei, Bailey.
10949 var. strictior, Bailey.
10950 decidua, Boott.
S10951 decomposita, Muhl.
10952 deflexa, Hornem.
10953 var. Boottii, Bailey.
S10954 var. Deanei, Bailey.
S10955 var. media, Bailey.
S10956 var. Rossii, Bailey.
10957 densa, Bailey.
CS10958 Deweyana, Schw.
CS10959 var. Bolanderi, W. Boott.
10960 var. sparsiflora, Bailey.
CS10961 digitalis, Willd.
CS10962 var. copulata, Bailey.
S10963 Douglasii, Boott.
10964 var. (?) laxiflora, Bailey.
CS10965 eburnea, Boott.
S10966 echinata, Murr.
CS10967 var. angustata, Bailey.
CS10968 var. cephalantha, Bailey.
S10969 var. conferta, Bailey.
CS10970 var. microstachys, Boeckl.
S10971 Eleocharis, Bailey.
10972 Elliottii, Schw. & Torr.
10973 Engelmanni, Bailey.
S10974 exilis, Dew.
10975 exsiccata, Bailey.
10976 var. globosa, Bailey.
10977 var. pungens, Bailey.
10978 *extensa*, *Good.*
S10979 festiva, Dew.
10980 var. gracilis, Olney.
S10981 var. Haydeniana, W. Boott.
10982 var. minor, Olney.
10983 var. pachystachya, Bailey.
10984 var. stricta, Bailey.
10985 var. viridis, Bailey.
S10986 filifolia, Nutt.
10987 var. (?) miser, Bailey.
10988 var. valida, Olney.
CS10989 filiformis, L.
CS10990 var. latifolia, Boeckl.
10991 *flacca*, *Schreber.*
S10992 flaccosperma, Dew.
CS10993 flava, L.
S10994 var. graminis, Bailey.
L10995 *var. Œderi*, *Lilj.*
10996 var. recterostrata, Bailey.
CS10997 var. viridula, Bailey.
S10998 Floridana, Schw.
S10999 fœnea, Willd.
11000 var. perplexa, Bailey.
11001 fœtida, All. = vernacula
CS11002 folliculata, L.
S11003 var. australis, Bailey.
11004 formosa, Dew.
11005 Franklinii, Boott.
S11006 Fraseri, Andrews.
S11007 fusca, All.
11008 Gayana, Desv.
S11009 Geyeri, Boott.
11010 glareosa, Wahl.
11011 var. cæspitosa, Boeckl.
S11012 glaucodea, Tuckerm.
11013 globosa, Boott.
11014 Gmelini, Hook.
CS11015 gracillima, Schw.
11016 var. humilis, Bailey.
S11017 grandis, Bailey.
CS11018 granularis, Muhl.
11019 var. Haleana, Porter.
S11020 gravida, Bailey.
11021 var. laxifolia, Bailey.
CS11022 Grayii, Carey. = Cyperus-Grayii
11023 var. hispidula, Gray.
CS11024 grisea, Wahl.
S11025 var. angustifolia, Boott.
11026 var. globosa, Bailey.
11027 var. (?) rigida, Bailey.
11028 gynocrates, Wormsk.
11029 gynodynama, Olney.
S11030 Halei, Carey. = Lonchocarpus
11031 Halleriana, Asso.
11032 Hallii, Bailey.
11033 heleonastes, Ehrh.
11034 Hendersoni Bailey.
11035 herbariorum, Bailey.
11036 heteroneura, W. Boott.
11037 *hirta*, *L.*
11038 hirtissima, W. Boott.
CS11039 Hitchcockiana, Dew.
S11040 Hoodii, Boott.
11041 var. nervosa, Bailey.

*10966 = sterilis var. excelsior Bailey
*10967 = " var. angustata Carey
*10968 = sterilis var. cephalantha (Bailey)
*10969 = Atlantica, Bailey

C. sterilis var. August

11042 Hookeriana, Dew.
11043 Houghtonii, Torr.
11044 Howellii, Bailey.
11045 hystricina, Willd.
11046 var. angustior, Bailey.
11047 var. Dudleyi, Bailey.
11048 illota, Bailey.
11049 incurva, Lightf.
11050 inops, Bailey.
11051 interrupta, Boeckl.
11052 var. impressa, Bailey.
11053 intumescens, Rudge.
11054 invisa, Bailey.
11055 Jamesii, Schw.
11056 Jonesii, Bailey.
11057 Joori, Bailey.
11058 Kelloggii, W. Boott.
11059 laciniata, Boott.
11060 lagopina, Wahl.
11061 laxiculmis, Schw.
11062 var. Floridana, Bailey.
11063 laxiflora, Lam.
11064 var. divaricata, Bailey.
11065 var. latifolia, Boott.
11066 var. Michauxii, Bailey.
11067 var. patulifolia, Carey.
11068 var. striatula, Carey.
11069 var. styloflexa, Boott.
11070 var. varians, Bailey.
11071 leiocarpa, Mey.
11072 leiorhyncha, Mey.
11073 Lemmoni, W. Boott.
11074 lenticularis, Michx.
11075 *leporina*, L.
11076 Liddoni, Boott.
11077 var. incerta, Bailey.
11078 limosa, L.
11079 var. stygia, Bailey.
11080 littoralis, Schw.
11081 livida, Willd.
11082 longirostris, Torr.
11083 lupulina, Muhl.
11084 var. Bella-villa, Bailey.
11085 var. pedunculata, Dew.
11086 var. polystachya, Schw. & Torr.
11087 lurida, Wahl.
11088 var. flaccida, Bailey.
11089 var. gracilis, Bailey.
11090 luzulæfolia, W. Boott.
11091 luzulina, Olney.
11092 Lyoni, Boott.
11093 Macounii, A. Bennett.
11094 macrocephala, Willd.
11095 macrochæta, C. A. Mey.
11096 Magellanica, Lam.
11097 marcida, Boott.
11098 var. alterna, Bailey.
11099 var. debilis, Bailey.
11100 maritima, Müller.
11101 melanocarpa, Cham.
11102 Mendocinensis, Olney.
11103 Mertensii, Presc.
11104 Michauxiana, Boeckl.
11105 microdonta, Torr.
11106 var. controversa, Bailey.
11107 var. latifolia, Bailey.
11108 microglochin, Wahl.
11109 miliaris, Michx.
11110 var. (?) aurea, Bailey.
11111 var. major, Bailey.
11112 var. obtusa, Bailey.
11113 misandra, R. Br.
11114 miser, Buckl.
11115 monile, Tuckerm.
11116 var. colorata, Bailey.
11117 var. monstrosa, Bailey.
11118 var. obtusisquamis, Bailey.
11119 var. Pacifica, Bailey.
11120 var. Raeana, Bailey.
11121 Montanensis, Bailey.
11122 Muhlenbergii, Schk.
11123 var. australis, Olney.
11124 var. enervis, Boott.
11125 multicaulis, Bailey.
11126 muricata, L.
11127 Muskingumensis, Schw.
11128 nardina, Fries.
11129 Nebraskensis, Dew.
11130 var. prævia, Bailey.
11131 nervina, Bailey.
11132 nigricans, Mey.
11133 nigro-marginata, Schw.
11134 Norvegica, Schk.
11135 nova, Bailey.
11136 Novæ-Angliæ, Schw.
11137 nudata, W. Boott.
11138 var. angustifolia, Bailey.
11139 var. anomala, Bailey.
11140 obesa, All., var. minor, Boott.
11141 obnupta, Bailey.

11142 obtusata, Lilj.
11143 occidentalis, Bailey.
S 11144 oligocarpa, Schk.
S 11145 oligosperma, Michx.
S 11146 Oregonensis, Olney.
S 11147 oxylepis, Torr. & Hook.
CS 11148 pallescens, L.
S 11149 *panicea*, *L.*
11150 pansa, Bailey.
11151 Parryana, Dew.
11152 var. unica, Bailey.
CS 11153 pauciflora, Lightf.
CS 11154 pedunculata, Muhl.
CS 11155 Pennsylvanica, Lam.
11156 var. vespertina, Bailey.
11157 petricosa, Dew.
11158 phyllomanica, W. Boott.
11159 physocarpa, Presl.
11160 picta, Steud.
CS 11161 plantaginea, Lam.
S 11162 platyphylla, Carey.
11163 polymorpha, Muhl.
CS 11164 polytrichoides, Muhl.
11165 *præcox*, *Jacq.*
11166 prægracilis, W. Boott.
CS 11167 prasina, Wahl.
11168 pratensis, Drej.
11169 var. furva, Bailey.
S 11170 Preslii, Steud.
CS 11171 Pseudo-Cyperus, L.
CS 11172 var. Americana, Hochst.
11173 ptychocarpa, Steud.
11174 var. macrophylla, Bailey.
CS 11175 pubescens, Muhl.
S 11176 Pyrenaica, Wahl.
11177 quadrifida, Bailey.
11178 var. lenis, Bailey.
11179 rariflora, Smith.
11180 Raynoldsii, Dew.
11181 remota, L.
CS 11182 retrorsa, Schw.
CS 11183 var. Hartii, Carey.
S 11184 Richardsonii, R. Br.
11185 rigens, Bailey.
11186 rigida, Good.
S 11187 var. Bigelovii, Tuckerm.
11188 var. bracteosa, Bailey.
CS 11189 var. Goodenovii, Bailey.
S 11190 var. strictiformis, Bailey.
CS 11191 riparia, Curtis.
CS 11192 rosea, Schk.
11193 var. (?) Arkansana, Bailey.
CS 11194 var. radiata, Dew.
S 11195 var. retroflexa, Torr.
11196 var. Texensis, Torr.
11197 rupestris, All.
11198 salina, Wahl.
11199 Saltuensis, Bailey.
11200 var. cuspidata, Wahl.
CS 11201 Sartwellii, Dew.
11202 var. occidentalis, Bailey.
11203 saxatilis, L.
11204 var. Grahami, Hook. & Arn.
11205 scaberrima, Scheele.
CS 11206 scabrata, Schw.
11207 Schweinitzii, Dew.
S 11208 scirpoidea, Michx.
CS 11209 scoparia, Schk.
S 11210 var. minor, W. Boott.
11211 senta, Boott.
11212 serratodens, W. Boott.
S 11213 Shortiana, Dew.
S 11214 siccata, Dew.
S 11215 silicea, Olney.
S 11216 Sitchensis, Presc.
CS 11217 sparganioides, Muhl.
11218 specifica, Bailey.
11219 spissa, Bailey.
11220 spreta, Bailey.
S 11221 squarrosa, L.
S 11222 stenolepis, Torr. = Franklii,
S 11223 stenophylla, Wahl.
CS 11224 stipata, Muhl. = C. sterilis, Willd =
CS 11225 straminea, Willd.
S 11226 var. alata, Bailey.
CS 11227 var. aperta, Boott.
S 11228 var. brevior, Dew.
S 11229 var. cumulata, Bailey.
11230 var. fœnea, Torr.
11231 var. hyalina, Boott.
11232 var. invisa, W. Boott.
11233 var. maxima, Bailey.
CS 11234 var. mirabilis, Tuckerm.
11235 var. mixta, Bailey. = C. fetida
11236 var. reniformis, Bailey.
11237 straminiformis, Bailey.
CS 11238 striata, Michx. = Walteriana
11239 var. brevis, Bailey.
11240 stricta, Lam.
CS 11241 var. angustata, Bailey.

S 11242 var. decora, Bailey.
11243 var. Emoryi, Bailey.
11244 stylosa, Mey.
11245 subfusca, W. Boott.
11246 subspathacea, Wormsk.
11247 subulata, Michx.
S 11248 sychnocephala, Carey.
CS 11249 tenella, Schk.
CS 11250 tenuiflora, Wahl.
11251 tenuirostris, Olney.
CS 11252 teretiuscula, Good.
11253 var. ampla, Bailey.
S 11254 var. ramosa, Boott.
CS 11255 tetanica, Schk.
11256 var. Canbyi, Porter.
CS 11257 var. Meadii, Bailey.
CS 11258 var. Woodii, Bailey.
11259 Tolmiei, Boott.
11260 var. angusta, Bailey.
11261 var. nigella, Bailey.
11262 var. subsessilis, Bailey.
S 11263 Torreyi, Tuckerm.
S 11264 torta, Boott.
S 11265 triangularis, Boeckl.
CS 11266 tribuloides, Wahl.
CS 11267 var. Bebbii, Bailey.
CS 11268 var. cristata, Bailey.
CS 11269 var. reducta, Bailey.
CS 11270 var. turbata, Bailey.
S 11271 triceps, Michx.
S 11272 var. hirsuta, Bailey.
11273 var. Smithii, Porter.
S 11274 trichocarpa, Muhl.
CS 11275 var. aristata, Bailey.
11276 var. Deweyi, Bailey.
11277 var. imberbis, Gray.
11278 triquetra, Boott.
CS 11279 trisperma, Dew.
CS 11280 Tuckermani, Dew.
11281 turgescens, Torr.
11282 ultra, Bailey.
S 11283 umbellata, Schk.
11284 var. brevirostris, Boott.
11285 var. vicina, Dew.
11286 usta, Bailey.
CS 11287 utriculata, Boott.
CS 11288 var. minor, Boott.
11289 vallicola, Dew.
CS 11290 varia, Muhl.
S 11291 var. australis, Bailey.
11292 var. colorata, Bailey.
11293 variabilis, Bailey.
11294 var. elatior, Bailey.
11295 venusta, Dew.
11296 var. minor, Boeckl.
S 11297 verrucosa, Ell.
S 11298 vestita, Willd.
11299 vicaria, Bailey.
11300 var. costata, Bailey.
CS 11301 virescens, Muhl.
S 11302 var. costata, Dew.
CS 11303 vulpinoidea, Michx.
11304 Watsoni, Olney.
11305 Whitneyi, Olney.
S 11306 Willdenovii, Schk.
11307 var. pauciflora, Olney.
11308 xerantica, Bailey.
11309 Yosemitana, Bailey.

CLADIUM 7000

S 11310 effusum, Torr.
CS 11311 mariscoides, Torr.
11312 Mariscus, R. Br., var. Californicus, Watson.

CYPERUS 7023

S 11313 acuminatus, Torr.
11314 amabilis, Vahl.
S 11315 articulatus, L.
11316 var. conglomeratus, Britt.
S 11317 aristatus, Rottb.
S 11318 Baldwinii, Torr.
11319 var. multiflorus, Chapm.
11320 bipartitus, Torr.
11321 Blodgettii, Britt.
11322 brunneus, Swartz.
11323 Buckleyi, Britt.
S 11324 calcaratus, Nees.
11325 Californicus, Watson.
11326 cephalanthus, Torr. & Hook.
S 11327 compressus, L.
S 11328 cylindricus, Chapm.
11329 cyrtolepis, Torr. & Hook.
11330 var. denticarinatus, Britt.
S 11331 dentatus, Torr.
CS 11332 diandrus, Torr.
11333 var. capitatus, Britt.
CS 11334 var. castaneus, Torr.
11335 dissitiflorus, Torr.
11336 distans, L.
11337 distinctus, Steud.
S 11338 Engelmannii, Steud.

11339 erythrorhizos, Muhl.
11340 var. pumilus, Engelm.
11341 esculentus, L.
11342 var. angustispicatus, Britt.
11343 var. Hermanni, Britt.
11344 var. macrostachyus, Boeck.
11345 evaginatus, Boeckl.
11346 Fendlerianus, Boeckl.
11347 ferax, Richard.
11348 filiculmis, Vahl.
11349 filiformis, Swartz.
11350 flavescens, L.
11351 flavicomus, Vahl.
11352 flavomariscus, Griseb.
11353 var. peduncularis, Britt.
11354 fuligineus, Chapm.
11355 *fuscus*, *L.*
11356 giganteus, Vahl.
11357 Grayii, Torr.
11358 Halei, Torr.
11359 Hallii, Britt.
11360 Haspan, L.
11361 Hochstetteri, Nees.
11362 Iria, L.
11363 Lancastriensis, Porter.
11364 lævigatus, L.
11365 lateriflorus, Torr.
11366 Lecontei, Torr.
11367 leucolepis, Carey.
11368 ligularis, L.
11369 longus, L.
11370 Martindalei, Britt.
11371 Nuttallii, Torr.
11372 ochraceus, Vahl.
11373 Olfersianus, Kunth.
11374 ovularis, Torr.
11375 var. robustus, Boeckl.
11376 var. sphæricus, Boeckl.
11377 oxycarioides, Britt.
11378 polystachyus, Rottb.
11379 var. leptostachyus, Boeckl.
11380 Pringlei, Britt.
11381 reflexus, Vahl.
11382 refractus, Engelm.
11383 retrofractus, Torr.
11384 retrorsus, Chapm.
11385 rotundus, L.
11386 Rusbyi, Britt.
11387 Schweinitzii, Torr.
11388 var. debilis, Britt.
11389 serrulatus, Watson.
11390 sesleroides, HBK.
11391 setigerus, Torr. & Hook.
11392 speciosus, Vahl.
11393 var. parvus, Britt.
11394 var. squarrosus, Britt.
11395 spectabilis, Schreb.
11396 sphacelatus, Rottb.
11397 stenolepis, Torr.
11398 strigosus, L.
11399 var. capitatus, Boeckl.
11400 var. compositus, Britt.
11401 var. elongatus, Britt.
11402 var. gracilis, Britt.
11403 var. robustior, Kunth.
11404 Surinamensis, Rottb.
11405 tetragonus, Ell.
11406 Torreyi, Britt.
11407 uniflorus, Torr. & Hook.
11408 var. pumilus, Britt.
11409 unioloides, R. Br., var. bromoides, Clarke.
11410 virens, Michx.
11411 viscosus, Ait.
11412 Wrightii, Britt.

DICHROMENA 7930

11413 diphylla, Torr.
11414 latifolia, Baldw.
11415 leucocephala, Michx.

DULICHIUM 7927

11416 spathaceum, Pers.

ELEOCHARIS 7928

11417 acicularis, R. Br.
11418 var. minima, Torr.
11419 albida, Torr.
11420 var. Berlandieri, Britt.
11421 atropurpurea, Kunth.
11422 Baldwinii, Chapm.
11423 Bolanderi, Gray.
11424 bicolor, Chapm.
11425 (?) capillacea, Kunth.
11426 capitata, R. Br.
11427 cancellata, Watson.
11428 cellulosa, Torr.
11429 compressa, Sulliv.
11430 cylindrica, Buckl.
11431 Dombeyana, Kunth.
11432 elongata, Chapm.
11433 Engelmanni, Steud.
11434 equisetoides, Torr.

11435 ntermedia Schultes.
11436 melanocarpa, Torr.
11437 microcarpa, Torr
11438 nodulosa, Schultes.
11439 olivacea, Torr.
11440 ovata, R. Br.
11441 palustris, R. Br.
11442 var. calva, Gray.
11443 var. glaucescens, Gray.
11444 var. vigens, Bailey.
11445 var. Watsoni, Clarke.
11446 Parishii, Britt.
11447 pauciflora, Link.
11448 prolifera, Torr.
11449 pygmæa, Torr.
11450 var. anachæta, Torr.
11451 quadrangulata, R. Br.
11452 Robbinsii, Oakes.
11453 rostellata, Torr.
11454 var. occidentalis, Watson.
11455 tenuis, Schultes.
11456 Torreyana, Boeckl.
11457 tortilis, Schultes.
11458 tricostata, Torr.
11459 tuberculosa, R. Br.
11460 Wolfii, Gray.

**ERIOPHORUM** 7035

11461 alpinum, L.
11462 cyperinum, L.
11463 var. laxum, Wats. & Coult.
11464 gracile, Koch.
11465 lineatum, Benth. & Hook.
11466 polystachyon, L.
11467 var. latifolium, Gray.
11468 russeolum, Fries.
11469 vaginatum, L.
11470 Virginicum, L.
11471 var. album, Gray.

**FIMBRISTYLIS** 7032

11472 apus, Watson.
11473 autumnalis, Roem. & Schult.
11474 capillaris, Gray.
11475 var. coarctata, Britt.
11476 ciliatifolia, Britt.
11477 laxa, Vahl.
11478 miliacea, Vahl.
11479 monostachya, Britt.
11480 schœnoides, Vahl.
11481 spadicea, Vahl., var. castanea, [Gray.
11482 thermalis, Watson.
11483 Vahlii, Link.
11484 Warei, Britt.

**FUIRENA** 7036

11485 scirpoidea, Michx.
11486 simplex, Vahl.
11487 squarrosa, Michx.
11488 var. breviseta, Coville.
11489 var. hispida, Chapm.

**HEMICARPHA** 7039

11490 occidentalis, Gray.
11491 subsquarrosa, Nees.

**KOBRESIA** 7064

11492 scirpina, Willd.

**KYLLINGA** 7024

11493 brevifolia, Rottb.
11494 cæspitosa, Nees.
11495 odorata, Vahl.
11496 pumila, Michx.

**LIPOCARPHA** 7040

11497 maculata, Torr.

**PSILOCARYA** 7031

11498 rhynchosporoides, Torr.
11499 scirpoides, Torr.
11500 Texensis, Torr. & Hook.

**RHYNCHOSPORA** 7055

11501 alba, Vahl.
11502 Baldwinii, Gray.
11503 caduca, Ell.
11504 capillacea, Torr.
11505 var. leviseta, Hill.
11506 capitata, Chapm.
11507 cephalantha, Gray.
11508 Chapmanii M. A. Curtis.
11509 ciliata, Vahl.
11510 compressa, Carey.
11511 corniculata, Gray.
11512 cymosa, Nutt.
11513 var globularis, Chapm.
11514 decurrens, Chapm.
11515 divergens, Chapm.
11516 Elliotiii, Dietr.
11517 fascicularis, Nutt.
11518 var. distans, Chapm.
11519 var. trichodes, Chapm.
11520 filifolia, Gray.
11521 fusca Roem & Schult.
11522 glomerata, Vahl.
11523 var. paniculata, Chapm.
11524 gracilenta, Gray.
11525 Grayi, Kunth.
11526 Harveyi, Boott.
11527 inexpansa, Vahl.
11528 Knieskernii, Carey.

S 11529 macrostachya, Torr.
11530 var. patula, Chapm.
S 11531 megalocarpa, Gray.
S 11532 microcarpa, Baldw.
S 11533 miliacea, Gray.
S 11534 oligantha, Gray.
11535 pallida, M. A. Curtis.
S 11536 patula, Gray.
S 11537 plumosa, Ell.
11538 var. intermedia, Chapm.
11539 punctata, Ell.
S 11540 pusilla, Chapm.
S 11541 rariflora, Ell.
S 11542 semiplumosa, Gray.
11543 stenophylla, Chapm.
11544 stipitata, Chapm.
11545 Torreyana, Gray.

**SCHŒNUS** 7961

11546 nigricans, L.

**SCIRPUS** 7934

C S 11547 atrovirens, Muhl.
S 11548 cæspitosus, L.
11549 Canbyi, Gray.
11550 carinatus, Gray.
11551 Clintonii, Gray.
11552 criniger, Gray
11553 Cubensis, Poepp. & Kunth.
C S 11554 debilis, Pursh.
S 11555 divaricatus, Ell.
S 11556 fluviatilis, Gray.
11557 heterocarpus, Watson.
C S 11558 lacustris, L.
11559 var. occidentalis, Watson.
11560 leptolepis, Chapm.
C S 11561 maritimus, L.
C S 11562 var. macrostachyos, Michx.
11563 *mucronatus, L.*
S 11564 Nevadensis, Watson.
S 11565 Olneyi, Gray.
S 11566 planifolius, Muhl.
S 11567 polyphyllus, Vahl.
C S 11568 pungens, Vahl.
11569 riparius, Spreng.
11570 rufus, Schrad.
C S 11571 Smithii, Gray.
11572 stenophyllus, Ell.
C S 11573 subterminalis, Torr.
11574 var. terrestris, Paine.
11575 supinus, L.
11576 var. Hallii, Gray.
S 11577 sylvaticus, L.
C S 11578 var. digynus, Boeckl.
11579 Tatora, Kunth.
S 11580 Torreyi, Olney.

**SCLERIA** 7981

S 11581 Baldwinii, Steud.
S 11582 var. costata, Britt.
S 11583 ciliata, Michx.
S 11584 gracilis, Ell.
S 11585 hirtella, Swartz.
11586 lithosperma, Willd., var. filiformis, Britt.
S 11587 oligantha, Ell.
S 11588 pauciflora, Muhl.
11589 var. Caroliniana, Wood.
11590 var. Elliottii, Wood.
S 11591 var. elongata, Britton.
11592 var. glabra, Chapm.
11593 reticularis, Michx.
11594 var. obscura, Britt.
11595 var. pubescens, Britt.
S 11596 Torreyana, Walpers.
S 11597 triglomerata, Michx.
11598 var. gracilis, Britt.
S 11599 verticillata, Muhl.

**WEBSTERIA** 7928

11600 limnophila, S. H. Wright.

## GRAMINEÆ.

**ÆGOPOGON** 8028

11601 cenchroides, Willd.
11602 geminiflorus, HBK.

**AGROPYRUM** 8272

C S 11603 canum, Roem. & Schult.
C S 11604 dasystachyum, Vasey.
S 11605 divergens, Nees.
11606 var. tenue, Vasey.
S 11607 glaucum, R. & S., var. occidentale, V. & S.
S 11608 *repens, L.*
11609 forma aristulata, Vasey.
11610 Scribneri, Vasey.
S 11611 tenerum, Vasey.
11612 unilaterale, V. & S.
S 11613 violaceum, Lange.

**AGROSTIS** 8120

S 11614 æquivalvis, Trin.
C S 11615 *alba, L.*
11616 *var. stolonifera, Vasey.*
S 11617 *var. vulgaris, Thurb.*
S 11618 arachnoides, Ell.
11619 arenaria, Scrib.

11620 asperifolia, Trin.
C S 11621 canina, L.
11622 var. alpina, Oakes.
11623 var. Novæ-Angliæ, Vasey.
11624 var. rupestris, Gray.
11625 densiflora, Vasey.
11626 depressa, Vasey.
S 11627 elata, Trin.
S 11628 exarata, Trin.
11629 var. littoralis, Vasey.
11630 exigua, Thurb.
11631 foliosa, Vasey.
11632 geminata, Trin.
11633 Hallii, Vasey.
11634 Howellii, Scrib.
11635 humilis, Vasey.
S 11636 microphylla, Steud.
11637 mucronata, Presl.?
11638 mu ticulmis, Vasey.
11639 Oregonensis, Vasey.
S 11640 perennans, Tuck.
11641 repens, Scribn.
C S 11642 scabra, Willd.
11643 var. cæspitosa, Torr.
11644 Scouleri Trin.
11645 tenuis, Vasey
11646 varians, Trin.
S 11647 verticillata, Vill.
11648 virescens, HBK.

**AIRA** 8140

S 11649 *caryophyllea*, *L.*
11650 *præcox*, *L.*

**ALOPECURUS** 8107

11651 *agrestis*, *L.*
11652 alpinus, L.
11653 (?) cæspitosus, Trin.
11654 Californicus, Vasey.
S 11655 geniculatus, L.
C S 11656 var. aristulatus, Munro.
11657 Howellii, Vasey.
11658 Macounii, Vasey.
11659 occidentalis, Scrib.
11660 *pratensis*, *L.*
11661 saccatus, Vasey.
11662 Steinigeri, Vasey.

**AMMOPHILA** 8126

C S 11663 arundinacea, Host.

**AMPHICARPUM** 8047

S 11664 Floridanum, Chapm.
11665 Purshii, Kunth.

**ANDROPOGON** 8020

*11666* arctatus, Chapm.
S 11667 argyræus, Schult.
S 11668 brachystachyus, Chapm.
11669 Cabanisii, Hack.
11670 cirrhatus, Hack.
S 11671 Elliottii, Chapm.
11672 gracilis, Spreng.
11673 Hallii, Hack.
11674 var. flaveolus, Hack.
11675 var. incanescens, Hack.
11676 var. muticus, Hack.
11677 hirtiflorus, Kth., var. Feensis, Hack.
11678 var. oligostachyus, Hack.
11679 longiberbis, Hack.
S 11680 macrourus, Michx.
11681 var. abbreviatus, Hack.
11682 var. corymbosus, Chapm.
11683 var. glaucopsis, Chapm.
11684 var. pumilus, Vasey.
11685 Mohrii, Hack.
C S 11686 provincialis, Lam.
11687 var. geminatus, Hack.
11688 var. Lindheimeri, Hack.
11689 var. pycnanthus, Hack.
S 11690 saccharoides, Swartz.
11691 var. inermis, Vasey.
S 11692 scoparius, Michx.
11693 var. macra, Hack.
11694 var. maritimus, Hack.
11695 var. multiramea, Hack.
11696 var. simplex, Hack.
11697 semiberbis, Kunth.
11698 *Sorghum*, *Brot.*
11699 tener Kunth.
S 11700 Virginicus, L.
11701 Wrightii, Hack.

**ANTHÆNANTIA** 8046

S 11702 rufa, Benth.
11703 villosa, Beauv.

**ANTHOXANTHUM** 8066

C S 11704 *odoratum*, *L.*

**APERA** 8127

11705 *Spica-venti*, *Beauv.*

**ARCTAGROSTIS** 8118

11706 latifolia, Griseb.
11707 var. major, Vasey.

**ARCTOPHILA** (8248)

11708 fulva, Rupt.
11709 Laestadii, Rupt.
11710 mucronata, Hack.

**ARRHENATHERUM** 8180

S 11711 *avenaceum*, *P. B.*

**ARISTIDA** 8080
11712 Arizonica, Vasey.
S 11713 basiramea, Engelm.
11714 bromoides, HBK.
11715 Cal fornica, Thurb.
11716 var. fugitiva, Vasey.
11717 desmantha, Trin. & Rupt.
S 11718 dichotoma, L.
11719 var. Curtissii, Gray.
11720 divaricata, Willd.
11721 var. minor, Vasey.
11722 fasciculata, Torr.
11723 var. longiseta, Scrib.
11724 Floridana, Vasey.
S 11725 gracilis, Ell.
11726 var. depauperata, Engelm.
11727 gyrans, Chapm.
11728 Havardii, Vasey.
Fla. S 11729 anata, Poir.
11730 Nealleyi, Vasey.
Mo. S 11731 oligantha, Michx.
11732 Orcuttiana, Vasey.
11733 Palmeri, Vasey.
Fla. S 11734 palustris, Vasey.
Lin. S 11735 purpurascens, Poir.
Fla. S 11736 var. minor, Vasey.
S 11737 purpurea, Nutt.
11738 var. Ber andieri, Trin.
11739 var. Californica, Vasey.
11740 ramosissima, Engelm.
11741 var. uniseta, Engelm.
11742 Reverchoni Vasey.
11743 scabra, Chapm.
11744 Schiediana, Trin. & Rupt.
11745 var. minor, Vasey.
11746 simplicifolia, Chapm.
Fla. S 11747 spiciformis, Ell.
" S 11748 stricta, Michx.
11749 var. condensata, V. & S.
Nutt. S 11750 tuberculosa, Nutt.
**ARUNDINARIA** 8281
BNC 11751 macrosperma, Michx.
11752 var. arborescens, Munro.
La. S 11753 var. suffruticosa, Munro.
**ARUNDO** 8204
11754 *Donax*, *L.*
**ASPRELLA** 8279
11755 Californica, Benth.
C S 11756 hystrix, Willd.
**ATROPIS** 8253
11757 *distans*, *Griseb.*
11758 Lemmoni, Vasey.
11759 pauciflora, Thurb.
11760 procumbens, Thurb.
11761 scabrella, Thurb.
**AVENA** 8146
11762 *barbata*, *L.*
Minn S 11763 *fatua*, *L.*
11764 Hookeri, Scrib.
C S 11765 striata, Michx.
**BECKMANNIA** 8177
S 11766 erucæformis, Host.
S 11767 var. uniflora, Scrib.
**BLEPHAR DACHNE** 8208
11768 Bigelovii, (Watson) Hack.
11769 Kingii, (Watson) Hack.
**BOUTELOUA** 8169
11770 arenosa, Vasey.
11771 aristidoides, Thurb.
11772 breviseta, Vasey.
11773 bromoides, Lag.
11774 Burkei, Scrib.
11775 eriopoda, Torr.
11776 Havardii, Vasey.
S 11777 hirsuta, Lag.
11778 var. major, Vasey.
11779 var. minor, Vasey.
11780 Humboldtiana, Griseb.?
S 11781 oligostachya, Torr.
11782 polystachya, Torr.
11783 var. major, Vasey.
11784 var. vestita, Watson.
11785 prostrata, Lag.
U.M. S 11786 racemosa, Lag.
11787 ramosa, Scrib.
11788 Rothrockii, Vasey.
11789 stricta, Vasey.
11790 Texana, Watson.
11791 trifida, Thurb.
11792 uniflora, Vasey.
**BRACHYELYTRUM** 8097
C S 11793 aristatum, P. B.
C S 11794 var. Engelmanni, Gray.
**BRIZA** 8236
S 11795 *media*, *L.*
11796 *minor*, *L.*
**BROMUS** 8257
11797 Aleutensis, Trin.
11798 *arvensis*, *L.*
11799 *asper*, *L.*
11800 breviaristatus, Thurb.
S 11801 carinatus, Hook.
C S 11802 ciliatus, L.
11803 var. minor, Munro.

11753 = A. tecta Nuhl.

11804 var. pauciflorus, Scrib.
CS 11805 var. purgans, Gray.
11806 depauperatus, Presl.
11807 *erectus, Hudson.*
S 11808 Hookerianus, Thurb.
11809 var. minor, Scrib.
CS 11810 Kalmii, Gray.
11811 var. occidentalis, Vasey.
11812 *maximus, Desf.*
S 11813 *mollis, L.*
11814 Orcuttianus, Vasey.
11815 Pumpellianus, Scrib.
11816 *racemosus, L.*
11817 *rubens, L.*
CS 11818 *secalinus, L.*
11819 *segetum, Schlecht.*
11820 *squarrosus, L.*
S 11821 *sterilis, L.*
11822 subulatus, Ledeb.
11823 Suksdorfii, Vasey.
S 11824 *tectorum, L.*
S 11825 unioloides, Willd.

**BUCHLOE** 8182
S 11826 dactyloides, Engelm.

**CALAMAGROSTIS** 8124
11827 Aleutica, Trin.
11828 ambigua, Scrib.
11829 Bolanderi Thurb.
11830 breviaristata, Vasey.
11831 brevipilis, Gray.
11832 Breweri, Thurb.
CS 11833 Canadensis, Beauv.
11834 confinis, Nutt.
11835 crassiglumis, Thurb.
11836 Curtisii, Vasey.
11837 Cusickii, Vasey.
11838 densa, Vasey.
11839 deschampsioides, Trin.
11840 Howellii, Vasey.
11841 kœlerioides, Vasey.
11842 Langsdorffii, Trin.
CS 11843 longifolia, Hook.
11844 Macounniana, Vasey.
S 11845 Montanensis, Scrib.
S 11846 neglecta, Ehr.
S 11847 Nuttalliana, Steud.
11848 pal ida, V & S.
11849 Pickeringii, Gray.
S 11850 Porteri, Gray.
11851 purpurascens, R. Br.
11852 rubescens, Buckl.
11853 strigosa, Bong.
11854 Suksdorfi, Scrib.
11855 sylvatica, DC.
11856 Tweedyi, Scrib.

**CATABROSA** 8217
S 11857 aquatica, P. B.

**CATHESTECHUM** 8188
11858 erectum, Vasey & Hack.

**CENCHRUS** 8056
S 11859 echinatus, L.
11860 incertus, M. A. Curtis.
11861 myosuroides, HBK.
CS 11862 tribuloides, L.
11863 var. pauciflorus, Scrib.

**CHLORIS** 8183
11864 ciliata, Swartz.
11865 cucullata, Bisch.
11866 elegans, HBK.
11867 Floridana, Vasey.
11868 glauca, Vasey.
S 11869 Swartziana, Doell.
11870 verticillata, Nutt.
11871 var tenera, Vasey.

**CHRYSOPOGON** (8020)
11872 avenaceum, Benth.
CS 11873 nutans, Benth.
S 11874 secundum, Benth.
11875 Wrightii, Munro.

**CINNA** 8119
CS 11876 arundinacea, L.
11877 Bolanderi, Scrib.
S 11878 pendula, Trin.
11879 var. glomerata, Scrib.
11880 var. mutica, Vasey.

**COIX** 7995
11881 *lachryma, L.*

**COLEANTHUS** 8109
11882 subtilis, Seid.

**COTTEA** 8165
11883 pappophoroides, Kunth.

**CTENIUM** 8161
S 11884 Americanum, Spreng.

**CYNODON** 8157
S 11885 *Dactylon, Pers.*

**DACTYLIS** 8241
CS 11886 *glomerata, L.*

**DANTHONIA** 8155
S 11887 Californica, Boland.
CS 11888 compressa, Aust.
S 11889 intermedia, Vasey.
S 11890 sericea, Nutt.
CS 11891 spicata, Beauv.
11892 unispicata, Munro.

**DESCHAMPSIA** 8145
S 11893 atropurpurea, Scheele.
11894 var. latifolia, Scrib.
11895 var. minor, Vasey.
11896 brevifolia, R. Br.
CS 11897 cæspitosa, P. B.
11898 var. alpina, Vasey.
11899 var. longiflora, Trin.
11900 var. maritima, Vasey.
S 11901 calycina, Presl.
S 11902 elongata, Munro.
CS 11903 flexuosa, Griseb.
11904 graci is, Vasey
11905 holciformis, Presl.

**DIARRHENA** 8225
S 11906 Americana, Beauv.

**DIPLACHNE** 8209
11907 biflora, Scrib.
11908 dubia, (Nees) Benth.
S 11909 fascicularis, (Gray) Beauv.
S 11910 mbricata (Thurb.) Scrib.
11911 Reverchoni, Vasey.
11912 rigida, (Munro) Vasey.
11913 viscida, Scrib.

**DISSANTHELIUM** 8210
11914 Californicum, Benth.

**DISTICHLIS** 8235
CS 11915 maritima, Raf.

**DUPONTIA** 8249
11916 Fischeri, R. Br.
11917 psilosantha, Rupt.

**EATONIA** 8214
S 11918 Dudleyi, Vasey.
S 11919 filiformis, (Chapm ) Vasey.
11920 longiflora, Vasey.
CS 11921 obtusata, Gray
11922 var. purpurascens, Vasey.
11923 var. robusta, Vasey.
CS 11924 Pennsylvanica, Gray.
11925 var. major, Gray.
11926 var. stricta, Vasey.

**ELEUSINE** 8178
S 11927 *Indica, Gaertn.*
S 11928 *Ægyptiaca, Pers.*

**ELIONURUS** 8018
11929 barbicu mis, Hack.
11930 tripsacoides, HBK.
11931 var. ciliaris, Hack.

**ELYMUS** 8276
11932 ambiguus, V. & S.
11933 Americanus, V. & S.
11934 arenarius, L.
11935 Bolanderi, V. & S.
CS 11936 Canadensis, L.
11937 var. glabriflorus, Vasey.
11938 var. glaucifolius, Gray.
11939 var. intermed us, Vasey.
S 11940 condensatus, Presl.
11941 dasystachys, Trin.
11942 Macouni Vasey.
11943 mollis, Trin.
11944 nitidus, Vasey.
11945 Orcuttianus, Vasey.
11946 Saundersii, Vasey.
S 11947 Sitanion, Schult.
S 11948 striatus, Willd.
S 11949 var. villosus, Gray.
11950 tenuis, V. & S.
S 11951 Vancouverensis, Vasey.
CS 11952 Virginicus, L.
11953 var. submuticus, Hook.

**EPIGAMPES** 8112
11954 ligulata, Scrib.
11955 rigens, Benth.

**ERAGROSTIS** 8212
11956 alba, Presl.
11957 Brownei, Nees.
11958 campestris, Trin.
S 11959 capillaris, Link.
S 11960 ciliaris, Link.
11961 var. patens, Chapm.
11962 conferta, Trin.
11963 curtipedicellata, Buckl.
S 11964 Frankii, Mey.
11965 lugens, Nees.
S 11966 *major, Host.*
11967 Mexicana, Link.
11968 *minor, Host.*
11969 Neo-Mexicana, Vasey.
11970 Orcuttiana, Vasey.
S 11971 oxylepis, Torr.
S 11972 pectinacea, Gray.
S 11973 var. refracta, Chapm.
S 11974 var. spectabilis, Gray.
S 11975 *pilosa, L.*
S 11976 Purshii, Schrad.
11977 var. diffusa, (Buckl )
CS 11978 reptans, Nees.
11979 tenuis, Gray.
11980 var. Texensis, Vasey.

**ERIANTHUS** 8000
S 11981 brevibarbis, Michx.

11982 saccharoides, Michx.
11983 strictus, Baldw.

**ERIOCHLOA** 8046

11984 Lemmoni, V. & S.
S 11985 mollis, Kunth.
11986 var. longifolia, Vasey.
11987 punctata, Hamil.
11988 sericea, Munro.

**FESTUCA** 8254

11989 amethystina, L.
11990 var. asperrima, Hack.
11991 Californica, Vasey.
11992 Kingii, (Watson) Vasey.
11993 dasyclada, Hack.
11994 duriuscula, Lam.
S 11995 *elatior*, *L.*
S 11996 *var. pratensis*, *Vasey.*
11997 *gigantea*, *Vill.*
11998 gracillima, Hook.
11999 Howellii, Hack.
12000 Jonesii, Vasey.
S 12001 microstachya, Nutt.
12002 var. ciliata, Gray.
12003 var. divergens, Thurb.
12004 var. pauciflora, Scrib.
S 12005 *Myurus*, *L.*
C S 12006 nutans, Willd.
12007 occidentalis, Hook.
C S 12008 ovina, L.
12009 var. Arizonica, Hack.
12010 var. brevifolia, Watson.
12011 var. firmula, Hack.
12012 var. macrochæta Hack.
12013 var. Oregona, Hack. mss.
12014 var. polyphylla, Vasey.
S 12015 var. pseudovina, Hack.
12016 var. sulcata, Hack.
12017 Richardsonii, Hook.
C S 12018 rubra, L.
12019 var. fallax, Hack.
12020 var. littoralis, Vasey.
12021 var. longearistata, Hack.
12022 var. pubescens, Hack.
12023 scabrella, Torr.
12024 var. major, Scrib.
S 12025 Shortii, Vasey.
12026 sciurea, Nutt.
12027 subulata, Bong.
12028 var. conferta, Hack. mss.
C S 12029 tenella, Willd.
12030 var. aristulata, Torr.
12031 Texana, Vasey.
12032 Vaseyana, Hack. mss.

**GASTRIDIUM** 8122

S 12033 *australe*, *P. B.*

**GLYCERIA** 8252

12034 acutiflora, Torr.
12035 angustata, Ledeb.
12036 arundinacea, Kunth.
C S 12037 Canadensis, Trin.
S 12038 elongata, Trin.
C S 12039 fluitans, R. Br. var angustata!
C S 12040 nervata, Trin. C S grandis, Watson
S 12041 obtusa, Trin.
C S 12042 pallida, Trin.
S 12043 pauciflora, Presl.

**GRAPHEPHORUM** 8251

S 12044 melicoides, Gray.
12045 var. major, Gray.
12046 Wolfii, Vasey.
12047 var Brandegei, V. & S.

**GYMNOPOGON** 8168

S 12048 brevifolius, Trin.
12049 racemosus, Beauv.

**HELEOCHLOA** 8103

S 12050 *schœnoides*, *Host.*

**HETEROPOGON** (8020)

12051 acuminatus, Trin.
12052 contortus, R. & S.
12053 var. glaber, Hack.

**HIEROCHLOA** 8067

S 12054 alpina, R. & S.
S 12055 borealis, R. & S.
S 12056 macrophylla, Thurb.
12057 pauciflora, R. Br.

**HILARIA** 8027

12058 cenchroides, HBK., var. Texana, Vasey.
S 12059 Jamesii, Benth.
12060 mutica, Benth.
12061 rigida, Scrib.

**HOLCUS** 8133

S 12062 *lanatus*, *L.*

**HORDEUM** 8277

C S 12063 jubatum, L.
12064 *maritimum*, *With.*
S 12065 *murinum*, *L.*
12066 *nodosum*, *L.*
12067 pusillum, Nutt.

**HYDROCHLOA** 8066

12068 Caroliniensis, P. B.

**IMPERATA** 7997

12069 Brasiliensis, Trin.
12070 Hookeri, Rupt.

KŒLERIA 8218
12071 cristata, Pers.
12072 var. gracilis, Gray.
LAMARCKIA 8243
12073 *aurea*, *Moench.*
LEERSIA 8078
12074 hexandra, Swartz.
12075 lenticularis, Michx.
12076 monandra, Swartz.
12077 oryzoides, Swartz.
12078 Virginica, Willd.
LEPTOCHLOA 8181
12079 Domingensis, Link.
12080 Langloisii, Vasey.
12081 mucronata, Kunth.
12082 var. pulchella, Scrib.
12083 Nealleyi, Vasey.
LEPTURUS 8269
12084 *filiformis*, *Trin.*
12085 *incurvatus*, *Trin.*
LOLIUM 8262
12086 *arvense*, *With.*
12087 *perenne*, *L.*
12088 *temulentum*, *L.*
LUZIOLA 8069
12089 Alabamensis, Chapm.
12090 Peruviana, Pers.
LYCURUS 8099
12091 phleoides, HBK.
MANISURIS 8007
12092 *granularis*, *Swartz.*
MELICA 8224
12093 acuminata, Boland.
12094 aristata, Thurb.
12095 bromoides, Gray.
12096 bulbosa, Geyer.
12097 Californica, Scrib.
12098 diffusa, Pursh.
12099 var. nitens, Scrib.
12100 frutescens, Scrib.
12101 fugax, Boland.
12102 Harfordii, Boland.
12103 Howellii, Vasey.
12104 imperfecta, Trin.
12105 var. flexuosa, Thurb.
12106 var. Parishii, Vasey.
12107 var. refracta, Thurb.
12108 multinerva, Vasey.
12109 mutica, Walt.
12110 Porteri, Scrib.
12111 Smithii, (Porter) Vasey.
12112 spectabilis, Scrib.
12113 stricta, Boland.
12114 Torreyana, Scrib.
MILIUM 8094
12115 effusum, L.
MONANTHOCHLOE 8192
12116 littoralis, Engelm.
MUHLENBERGIA 8096
12117 acuminata, Vasey.
12118 ambigua, Torr.
12119 arenicola, Buckl.
12120 Arizonica, Scrib.
12121 Berlandieri, Trin.
12122 Buckleyana, Scrib.
12123 cæspitosa, Chapm.
12124 Calamagrostidea, Kunth.
12125 Californica, Vasey.
12126 capillaris, Kunth.
12127 var. filipes, Chapm.
12128 comata, Benth.
12129 debilis, Trin.
12130 depauperata, Scrib.
12131 diffusa, Schreb.
12132 distichophylla, Munro.
12133 dumosa, Scrib.
12134 flexuosa, Vasey.
12135 glomerata, Trin.
12136 var. ramosa, Vasey.
12137 gracilis, Trin.
12138 var. breviaristatus, Vasey.
12139 var. major, Vasey.
12140 gracillima, Torr.
12141 Huachucana, Vasey.
12142 Lemmoni, Scrib.
12143 Mexicana, Trin.
12144 var. filiformis, Gray.
12145 monticola, Buckl.
12146 Neo-Mexicana, Vasey.
12147 Parishii, Vasey.
12148 pauciflora, Buckl.
12149 Pringlei, Scrib.
12150 pungens, Thurb.
12151 Reverchoni, Vasey.
12152 Schaffneri, Fourn.
12153 setifolia, Vasey.
12154 sobolifera, Trin.
12155 sylvatica, T. & G.
12156 var. setiglumis, Watson.
12157 Texana, Thurb.
12158 trichopodes, Chapm.
12159 virescens, Trin.

12160 Willdenovii, Trin.
12161 Wrightii, Vasey.

**MUNROA** 8193

12162 squarrosa, Torr.

**OPLISMENUS** 8053

12163 setarius, Roem. & Schult.

**ORCUTTIA** 8195

12164 Greenei, Vasey.

**ORYZOPSIS** 8091

12165 asperifolia, Michx.
12166 Canadensis, Torr.
12167 exigua, Thurb.
12168 fimbriata, Hemsl.
12169 melanocarpa, Muhl.
12170 membranacea, (Pursh)
12171 micrantha, Thurb.
12172 Mongolica, (Turcz.) Beal.
12173 Richardsonii, (Link) Beal.
12174 Webberi, (Thurb.) Vasey.

**PANICUM** 8050

12175 agrostoides, Muhl.
12176 amarum, Ell.
12177 var. minor, V. & S.
12178 anceps, Michx.
12179 angustifolium, Ell.
12180 autumnale, Bosc.
12181 var. pubiflorum, Vasey.
12182 barbinode, Trin.
12183 bulbosum, HBK.
12184 capillare, L.
12185 var. flexile, Gattinger.
12186 var. geniculatum, Scrib.
12187 var. minimum, Engelm.
12188 capillarioides, Vasey.
12189 Chapmani, Vasey.
12190 ciliatissimum, Buckl.
12191 clandestinum, L.
12192 var. pedunculatum, Gray.
12193 colonum, L.
12194 var. zonale, Vasey.
12195 commutatum, Schult.
12196 consanguineum, Kunth.
12197 *Crus-galli*, *L.*
12198 var. hispidum, Gray.
12199 var. muticum, Torr.
12200 Curtisii, Chapm.
12201 depauperatum, Muhl.
12202 var. rectum, Torr.
12203 dichotomum, L.
12204 var. barbulatum, Gray.
12205 diffusum, Swartz.
12206 divaricatum, L.
12207 fasciculatum, Swartz.
12208 var. fuscum, Griseb.
12209 var. reticulatum, Vasey.
12210 filiforme, L.
12211 gibbum, Ell.
12212 *glabrum*, *Gaud.*
12213 var. Mississippiensis, Gattinger.
12214 gymnocarpum, Ell.
12215 Hallii, Vasey.
12216 Havardii, Vasey.
12217 hians, Ell.
12218 Joorii, Vasey.
12219 lachnanthum, Torr.
12220 latifolium, L.
12221 var. molle, Vasey.
12222 laxiflorum, Lam.
12223 var. pubescens, Vasey.
12224 leucophæum, HBK.
12225 Liebergii, Scrib.
12226 *maximum*, *Jacq.*
12227 microcarpon, Muhl.
12228 var. sphærocarpon, Vasey.
12229 *miliaceum*, *L.*
12230 Nealleyi, Vasey.
12231 nervosum, Muhl.
12232 neuranthum, Griseb.
12233 nitidum, Lam.
12234 var. ensifolium, Vasey.
12235 var. pilosum, Vasey.
12236 nudicaule, Vasey.
12237 obtusum, HBK.
12238 paspaloides, Pers.
12239 pauciflorum, Ell.
12240 pedicellatum, Vasey.
12241 platyphyllum, Munro.
12242 proliferum, Lam.
12243 var. geniculatum, Vasey.
12244 prostratum, Lam.
12245 ramulosum, Michx.
12246 *repens*, *L.*
12247 var. confertum, Vasey.
12248 Reverchoni, Vasey.
12249 *sanguinale*, *L.*
12250 scabriusculum, Ell.
12251 scoparium, Lam.
12252 serotinum, Trin.
12253 sparsiflorum, Vasey.
12254 stenodes, Griseb.
12255 subspicatum, Vasey.

12256 Texanum, Buckl.
12257 Urvilleanum, Kunth.
12258 velutinosum, Nees.
S12259 verrucosum, Muhl.
C S12260 virgatum, L.
12261 var. confertum, Vasey.
S12262 viscidum, Ell.
CS12263 xanthophysum, Gray.

PAPPOPHORUM 8164
12264 apertum, Munro.
12265 laguroideum, Schrad.
12266 Wrightii, Watson.

PASPALUM 8045
12267 Buckleyanum, Vasey.
12268 cæspitosum, Flugge.
12269 ciliatifolium, Michx.
12270 var. dasyphyllum, Vasey.
12271 conjugatum, Berg.
12272 difforme, LeConte.
S12273 dilatatum, Poir.
12274 var. decumbens, Vasey.
S12275 distichum, L.
12276 elatum, Richard.
S12277 Floridanum, Michx.
S12278 var. glabratum, Engelm.
12279 fluitans, Kunth.
12280 furcatum, Flugge.
12281 giganteum, Baldw.
S12282 læve, Michx., Ell.
12283 var. angustifolium, Vasey.
12284 var. undulosum, Vasey.
12285 lentiginosum, Presl.
12286 lividum, Trin.
S12287 Michauxianum, Kunth.
12288 monostachyum, Vasey.
12289 notatum, Flugge.
S12290 platycaule, Poir.
S12291 plicatulum, Michx.
S12292 præcox, Walt.
12293 var. Curtisianum, Vasey.
S12294 pubiflorum, Rupt.
12295 var. glabrum, Vasey.
12296 var. glaucum, Scrib.
S12297 purpurascens, Ell.
S12298 racemulosum, Nutt.
S12299 setaceum, Michx.
12300 var. debile, Vasey.
12301 *stoloniferum*, *L.*
12302 vaginatum, Swartz.
12303 virgatum, L., var. platyoxon, Doell.
12304 var. pubiflorum, Vasey.
S12305 Walterianum, Schult.

PENNISETUM 8057
12306 setosum, Richard.

PHALARIS 8065
12307 amethystina, Trin.
CS12308 arundinacea, L.
CS12309 *Canariensis*, *L.*
12310 intermedia, Bosc.
12311 var. angustata, Chapm.
12312 Lemmoni, Vasey.

PHARUS 8067
12313 latifolius, L.

PHIPPSIA 8110
12314 algida, R. Br.

PHLEUM 8105
S12315 alpinum, L.
S12316 pratense, L.

PHRAGMITES 8205
CS12317 communis, Trin.

PLEUROPOGON 8232
12318 Californicum, Benth.
S12319 refractum, Benth.
12320 Sabinii, R. Br.

POA 8247
12321 abbreviata, R. Br.
S12322 alpina, L.
12323 var. minor, Kunth.
C S12324 alsodes, Gray.
12325 var. acuminata, Vasey.
12326 var. Wolfii, Vasey.
S12327 andina, Nutt.
C S12328 *annua*, *L.*
12329 arachnifera, Torr.
12330 var. glabrata, Vasey.
12331 argentea, Howell.
12332 Bigelovii, V. & S.
12333 Bolanderi, Vasey.
S12334 brevifolia, Muhl.
12335 cæsia, Smith.
12336 var. stricta, Gray.
12337 Californica, Vasey.
12338 cenisia, All.
12339 Coloradoensis, Vasey.
C S12340 *compressa*, *L.*
S12341 cuspidata, V. & S.
CS12342 debilis, Torr.
12343 Douglasii, Nees.
12344 Eatoni, Watson.
12345 flavicans, Ledeb.
12346 flexuosa, Muhl.
12347 var. occidentalis, Vasey.

12348 glumaris, Trin.
12349 gracillima, Vasey.
12350 Grayana, Vasey.
12351 Howellii, V. & S.
12352 Kelloggii, Vasey.
12353 lævis, Vasey.
12354 laxa, Haenke.
12355 leptocoma, Trin.
12356 Lettermani, Vasey.
12357 lucida, Vasey.
12358 macrantha, Vasey.
12359 multiflora, Vasey.
12360 nemoralis, L.
12361 Nevadensis, Vasey.
12362 var. elongata, V. & S.
12363 var. glauca, Scrib.
12364 Nutkaensis, Presl.
12365 occidentalis, V. & S.
12366 Orcuttiana, Vasey.
12367 Pattersoni, Vasey.
12368 pratensis, L.
12369 Pringlei, Scrib.
12370 pulchella, Vasey.
12371 purpurascens, Vasey.
12372 reflexa, V. & S.
12373 rupestris, Vasey.
12374 serotina, Ehrh.
12375 stenantha, Trin.
12376 Suksdorfii, Vasey.
12377 sylvestris, Gray.
12378 tenuifolia, Nutt.
12379 var. Oregona, Vasey.
12380 var. stenophylla, Vasey.
12381 Tracyi, Vasey.
12382 *trivialis*, *L.*
12383 var. occidentalis, Vasey.
12384 unilateralis, Scrib.
12385 Vaseyana, Scrib.
12386 Wardii, Vasey.
12387 Wheeleri, Vasey.

**POLYPOGON** 8114
12388 elongatus, HBK.
12389 *littoralis*, *Smith.*
12390 *maritimum*, *Willd.*
12391 *Monspeliensis*, *Desf.*

**REDFIELDIA** 8206
12392 flexuosa, Vasey.

**REIMARIA** 8044
12393 oligostachya, Munro.

**ROTTBŒLLIA** 8006
12394 compressa, Kunth.
12395 cylindrica, Chapm.
12396 var. fasciculata, Hack.
12397 rugosa, Nutt.
12398 var. areolata, Hack.
12399 var. corrugata, Hack.

**SCHEDONNARDUS** 8166
12400 Texanus, Steud.

**SCLEROPOGON** 8190
12401 Karwinskianus, Benth.

**SCOLOCHLOA** 8250
12402 festucacea, Link.

**SCRIBNERIA** 8270
12403 Bolanderi, Hack.

**SETARIA** 8055
12404 composita, Kunth.
12405 corrugata, Schult.
12406 *glauca*, *Beauv.*
12407 var. imberbis, Griseb.
12408 var. lævigata, Chapm
12409 *Italica*, *Kunth.*
12410 setosa, Beauv.
12411 var. caudata, Griseb.
12412 *verticillata*, *Beauv.*
12413 *viridis*, *Beauv.*

**SPARTINA** 8188
12414 cynosuroides, Willd.
12415 gracilis, Trin.
12416 juncea, Willd.
12417 junciformis, Eng. & Gray.
12418 polystachya, Willd.
12419 stricta, Roth.
12420 var. alterniflora, Gray.
12421 var. glabra, Gray.

**SPOROBOLUS** 8111
12422 airoides, Torr.
12423 argutus, Kunth, var. Arkansanus, Vasey.
12424 asper, Kunth.
12425 var. Drummondii, Vasey.
12426 var. Hookeri, Vasey.
12427 asperifolius, Thurb.
12428 Buckleyi, Vasey.
12429 compressus, Kunth.
12430 confusus, Vasey.
12431 cryptandrus, Gray.
12432 var. flexuosus, Thurb.
12433 var. robustus, Vasey.
12434 var. strictus, Scrib.
12435 cuspidatus, Scrib.
12436 depauperatus, Scrib.
12437 Domingensis, Kunth.

12438 filiculmis, Scrib.
S12439 Floridanus, Chapm.
12440 var. Curtissii, Vasey.
12441 gracillimus, Scrib.
S12442 heterolepis, Gray.
S12443 *Indicus, R. Br.*
12444 interruptus, Vasey.
12445 Jonesii, Vasey.
S12446 junceus, Kunth.
S12447 minor, Vasey.
12448 Nealleyi, Vasey.
12449 purpurascens, Hamil.
12450 Sacatilla, Griseb.
CS12451 serotinus, Gray.
12452 Texanus, Vasey.
12453 tricholepis, Torr.
S12454 vaginæflorus, Vasey.
12455 var. tenerus, Vasey.
12456 Virginicus, Kunth.
12457 Wolfii, Vasey.
12458 Wrightii, Munro.

STENOTAPHRUM 8061
12459 Americanum, Schk.

STIPA 8090
12460 Andersoni, Vasey.
S12461 avenacea, L.
12462 Bloomeri, Boland.
12463 caduca, Scrib.
12464 chrysophylla, Desv.
S12465 comata, Trin.
12466 coronata, Thurb.
S12467 eminens, Cav.
12468 flexuosa, Vasey.
12469 Kingii, Boland.
12470 Lettermani, Vasey.
S12471 occidentalis, Thurb.
12472 Parishii, Vasey.
12473 pennata, L., var. Neo-Mexicana, Thurb.
12474 Pringlei, Scrib.
12475 Scribneri, Vasey.
12476 setigera, Presl.
S 12477 spartea, Trin.
12478 speciosa, Trin. & Rupt.
12479 Stillmani, Boland.
12480 stricta, Vasey.
12481 tenuissima, Trin.
S12482 viridula, Trin.
12483 var. minor, Vasey.
12484 var. pubescens, Vasey.
12485 var. robusta, Vasey.

THURBERIA 8116
12486 Arkansana, Benth.

TRACHYPOGON 8017
12487 polymorphus, Hack., var. Montufari, Hack.

TRAGUS 8059
12488 *racemosus, Hall.*

TRICHLORIS 8164
12489 pluriflora, Fourn.
12490 verticillata, Fourn.

TRIODIA 8207
S 12491 acuminata, Vasey.
12492 albescens, Munro.
S12493 ambigua, Vasey.
12494 Americana, (Beauv.)
12495 avenacea, HBK.
12496 Buckleyana, Vasey.
S12497 cuprea, Jacq.
12498 eragrostoides, V. & S.
12499 grandiflora, Vasey.
12500 mutica, Scrib.
12501 Nealleyi, Vasey.
12502 pulchella, HBK.
12503 var. parviflora, Vasey.
S.12504 purpurea, Hack.
12505 sparsiflora, Hack.
12506 stricta, Vasey.
12507 Texana, Watson.
12508 trinerviglumis, Munro.

TRIPSACUM 7991
S12509 dactyloides, L.
S12510 var. monostachyum, Gray.
12511 Lemmoni, Vasey.

TRISETUM 8146
12512 barbatum, Steud.
12513 Californicum, Vasey.
12514 canescens, Buckl.
12515 cernuum, Trin.
12516 Hallii, Scrib.
12517 interruptum, Buckl.
12518 Ludovicianum, Vasey.
12519 montanum, Vasey.
S12520 palustre, L.
12521 subspicatum, P. B.
S12522 var. molle, Gray.

UNIOLA 8234
S12523 gracilis, Michx.
S 12524 latifolia, Michx.
12525 nitida, Baldw.
S12526 paniculata, L.

ZIZANIA 8071
CS12527 aquatica, L.

ZIZANIOPSIS
12528 miliacea, Doell.

## EQUISETACEÆ.

EQUISETUM
12529 arvense, L.
12530 hiemale, L.
12531 lævigatum, A. Br.
12532 limosum, L.
12533 littorale, Kuhl.
12534 palustre, L.
12535 pratense, Ehrh.
12536 ramosissimum, Desf.
12537 robustum, A. Br.
12538 scirpoides, Michx.
12539 sylvaticum, L.
12540 Telmateia, Ehrh.
12541 variegatum, Schleich.

## FILICES.

ACROSTICHUM
12542 aureum, L.

ADIANTUM
12543 Capillus-Veneris, L.
12544 emarginatum, Hook.
12545 pedatum, L.
12546 tenerum, Swartz.
12547 tricholepis, Fée.

ANEIMIA
12548 adiantifolia, Swartz.
12549 Mexicana, Klotz.

ASPIDIUM
12550 acrostichoides, Swartz.
12551 aculeatum, Swartz.
12552 var. angulare, A. Br.
12553 var. Braunii, Doell.
12554 var. scopulinum, Eaton.
12555 Boottii, Tuckerm.
12556 conterminum, Willd., var. strigosum, Eaton.
12557 cristatum, Swartz.
12558 var. Clintonianum, Eaton.
12559 Filix-mas, Swartz.
12560 Floridanum, Eaton.
12561 fragrans, Swartz.
12562 Goldieanum, Hook.
12563 juglandifolium Kunze.
12564 Lonchitis, Swartz.
12565 marginale, Swartz.
12566 mohrioides, Bory.
12567 munitum, Kaulf.
12568 var. imbricans, Eaton.
12569 Nevadense, Eaton.
12570 Noveboracense, Swartz.
12571 Oreopteris, Swartz.
12572 patens, Swartz.
12573 patulum, Swartz.
12574 rigidum, Swartz.
12575 var. argutum, Eaton.
12576 spinulosum, Swartz.
12577 var. dilatatum, Hornem.
12578 var. intermedium, Eaton.
12579 Thelypteris, Swartz.
12580 trifoliatum, Swartz.
12581 unitum, R. Br., var. glabrum, Mett.

ASPLENIUM
12582 angustifolium, Michx.
12583 blepharodes, Eaton.
12584 Bradleyi, Eaton.
12585 cicutarium, Swartz.
12586 dentatum, L.
12587 ebeneum, Ait.
12588 var. proliferum, Eaton.
12589 ebenoides, Scott.
12590 Filix fœmina, Bernh.
12591 var angustum, Eaton.
12592 firmum Kunze.
12593 Glenniei, Baker.
12594 monanthemum, L.
12595 montanum, Willd.
12596 parvulum M. & G.
12597 pinnatifidum, Nutt.
12598 rhizophyllum Kunze.
12599 var. Biscaynianum, Eaton.
12600 var. myriophyllum, Mett.
12601 Ruta-muraria, L.
12602 septentrionale, Hoffm.
12603 serratum, L.
12604 thelypteroides, Michx.
12605 Trichomanes, L.
12606 var. incisum, Moore.
12607 viride, Huds.

BLECHNUM
12608 serrulatum, Rich.

CAMPTOSORUS
12609 rhizophyllus, Link.

CERATOPTERIS
12610 thalictroides, Brongn.

CHEILANTHES
12611 Alabamensis, Kunze.
12612 argentea, Hook. ?
12613 Brandegei, Eaton.

12614 Californica, Mett.
S 12615 Clevelandii, Eaton.
12616 Cooperæ, Eaton.
S 12317 Fendleri, Hook.
12618 fibrillosa, Dav.
12619 gracillima, Eaton.
S 12620 lanuginosa, Nutt.
12621 lendigera, Swartz.
12622 leucopoda, Link.
S 12623 Lindheimeri, Hook.
12624 microphylla, Swartz.
S 12625 myriophylla, Desv.
12626 Parishii, Dav.
12627 Pringlei, Dav.
S 12628 tomentosa, Link.
S 12629 var. Eatoni, Dav.
S 12630 vestita, Swartz.
12631 viscida, Dav.
12632 Wrightii, Hook.

**CRYPTOGRAMME**

S 12633 acrostichoides, R. Br.

**CYSTOPTERIS**

CS 12634 bulbifera, Bernh.
CS 12635 fragilis, Bernh.
12636 montana, Bernh.

**DICKSONIA**

CS 12637 pilosiuscula, Willd.

**GYMNOGRAMME**

12638 Ehrenbergiana, Klotz.
S 12639 triangularis, Kaulf.

**LOMARIA**

S 12640 spicant, Desv.
12641 var. serratum, Woll.

**LYGODIUM**

S 12642 palmatum, Swartz.

**NEPHROLEPIS**

12643 acuta, Presl.
12644 exaltata, Schott.

**NOTHOLÆNA**

12645 Aschenborniana, Klotz.
12646 candida, Hook.
12647 cretacea, Lieb.
12648 Fendleri, Kunze.
12649 ferruginea, Hook.
12650 Grayi, Dav.
S 12651 Hookeri, Eaton.
12652 Lemmoni, Eaton.
12653 Newberryi, Eaton.
12654 nivea, Desv.
12655 var. dealbata, Dav.
12656 Parryi, Eaton.
12657 Schaffneri, Underw.
S 12658 sinuata, Kaulf.
12659 tenera, Gillies.

**ONOCLEA**

CS 12660 sensibilis, L.
CS 12661 Struthiopteris, Hoffm.

**OSMUNDA**

CS 12662 cinnamomea, L.
CS 12663 Claytoniana, L.
CS 12664 regalis, L.

**PELLÆA**

S 12665 andromedæfolia, Fée.
12666 aspera, Baker.
CS 12667 atropurpurea, Link.
12668 brachyptera, Baker.
12669 Breweri, Eaton.
12670 Bridgesii, Hook.
S 12671 densa, Hook.
12672 flexuosa, Link.
S 12673 gracilis, Hook.
12674 intermedia, Mett.
12675 marginata, Baker.
S 12676 ornithopus, Hook.
12677 pulchella, Fée.
12678 ternifolia, Link.
S 12679 Wrightiana, Hook.
12680 var. compacta, Dav.
12681 var. longimucronata, Dav.

**PHEGOPTERIS**

12682 alpestris, Mett.
CS 12683 Dryopteris, Fée.
S 12684 var. Robertianum, Dav.
CS 12685 hexagonoptera, Fée.
CS 12686 polypodioides, Fée.
12687 reptans, Eaton.
12688 tetragona, Mett.

**POLYPODIUM**

12689 aureum, L.
S 12690 Californicum, Kaulf.
S 12691 falcatum, Kellogg.
S 12692 incanum, Swartz.
12693 pectinatum, L.
12694 Phyllitidis, L.
12695 Plumula, HBK.
S 12696 Scouleri, Hook. & Grev.
12697 Swartzii, Baker.
12698 thysanolepis, A. Br.
CS 12699 vulgare, L.

**PTERIS**

CS 12700 aquilina, L.
12701 var. caudata, Hook.
12702 var. lanuginosa, Bong.
12703 Cretica, L.

12704 longifolia, L.
12705 serrulata, L. f.

SCHIZÆA
12706 pusilla, Pursh.

SCOLOPENDRIUM
12707 vulgare, Smith.

TÆNITIS
12708 lanceolata, R. Br.

TRICHOMANES
12709 Petersii, Gray.
12710 radicans, Swartz.

VITTARIA
12711 lineata, Smith.

WOODSIA
12712 glabella, R. Br.
12713 hyperborea, R. Br.
12714 Ilvensis, R. Br.
12715 Mexicana, Fée.
12716 obtusa, Torr.
12717 Oregana, Eaton.
12718 scopulina, Eaton.

WOODWARDIA
12719 angustifolia, Smith.
12720 radicans, Smith.
12721 Virginica, Smith.

## OPHIOGLOSSACEÆ.

BOTRYCHIUM
12722 boreale, Milde.
12723 lanceolatum, Ang.
12724 Lunaria, Swartz.
12725 matricariæfolium, A. Br.
12726 simplex, Hitchcock.
12727 ternatum, Swartz.
12728 var. dissectum, Milde.
12729 var. lunarioides, Milde.
12730 var. obliquum, Milde.
12731 Virginianum, Swartz.

OPHIOGLOSSUM
12732 crotalophoroides, Walt.
12733 nudicaule, L. f.
12734 palmatum, Plum.
12735 vulgatum, L.

## LYCOPODIACEÆ.

LYCOPODIUM
12736 alopecuroides, L.
12737 alpinum, L.
12738 var. sabinæfolium, Eaton.
12739 annotinum, L.
12740 var. pungens, Spring.
12741 Carolinianum, L.
12742 cernuum, L.
12743 clavatum, L.
12744 complanatum, L.
12745 var. Chamæcyparissus, Eat.
12746 inundatum, L.
12747 var. Bigelovii, Tuckerm.
12748 var. pinnatum, Chapm.
12749 lucidulum, Michx.
12750 obscurum, L., var. dendroideum, Eaton.
12751 sabinæfolium, Willd.
12752 Selago, L.

PSILOTUM
12753 triquetrum, Swartz.

## SELAGINELLACEÆ.

ISOETES
12754 Bolanderi, Engelm.
12755 Butleri, Engelm.
12756 var. immaculata, Engelm.
12757 echinospora, Durieu, var. Boottii, Engelm.
12758 var. Braunii, Engelm.
12759 var. muricata, Engelm.
12760 var. robusta, Engelm.
12761 Engelmanni, A. Br.
12762 var. gracilis, Engelm.
12763 var. valida, Engelm.
12764 flaccida, Shuttlw.
12765 var. Chapmani, Engelm.
12766 Howellii, Engelm.
12767 lacustris, L.
12768 maritima, Underw.
12769 melanopoda, J. Gay.
12770 melanospora, Engelm.
12771 nuda, Engelm.
12772 Nuttallii, A. Br.
12773 pygmæa, Engelm.
12774 riparia, Engelm.
12775 saccharata, Engelm.
12776 Suksdorfii, Baker.
12777 Tuckermani, A. Br.

SELAGINELLA
12778 apus, Spring.
12779 cuspidata, Link.
12780 Douglasii, Spring.
12781 lepidophylla, Spring.
12782 Oregana, Eaton.
12783 rupestris, Spring.
12784 spinosa, Beauv.
12785 tortipila, A. Br.

## MARSILIACEÆ.

**MARSILIA**

12786 macropoda, Engelm.
12787 quadrifolia, L.
12788 uncinata, A. Br.
12789 vestita, Hook. & Grev.
12790 var. tenuifolia, Underw. & Cook.

**PILULARIA**

12791 Americana, A. Br.

## SALVINIACEÆ.

**AZOLLA**

12792 Caroliniana, Willd.
12793 filicoides, Lam.

**SALVINIA**

12794 natans, L.

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| Number of Orders represented..... | | | 168 |
| " " Genera | Native.... 1,554 | Introduced 139 | 1,693 |
| " " Species | Native... 10,136 | Introduced 570 | 10,706 |

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# ORDERS AND GENERA.

The numbers preceding generic names are those of Durand's *Index Generum Phanerogamorum.* When a genus considered distinct by American authorities is by Durand included under some other genus, the number and name of the latter are given in parentheses. Genera represented in North America by introduced species only are printed in italics.


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